



LEGEND

- +— EXISTING FREIGHT RAILROAD
- PROPOSED CHST

2000 0 2000 4000
1"-2000'

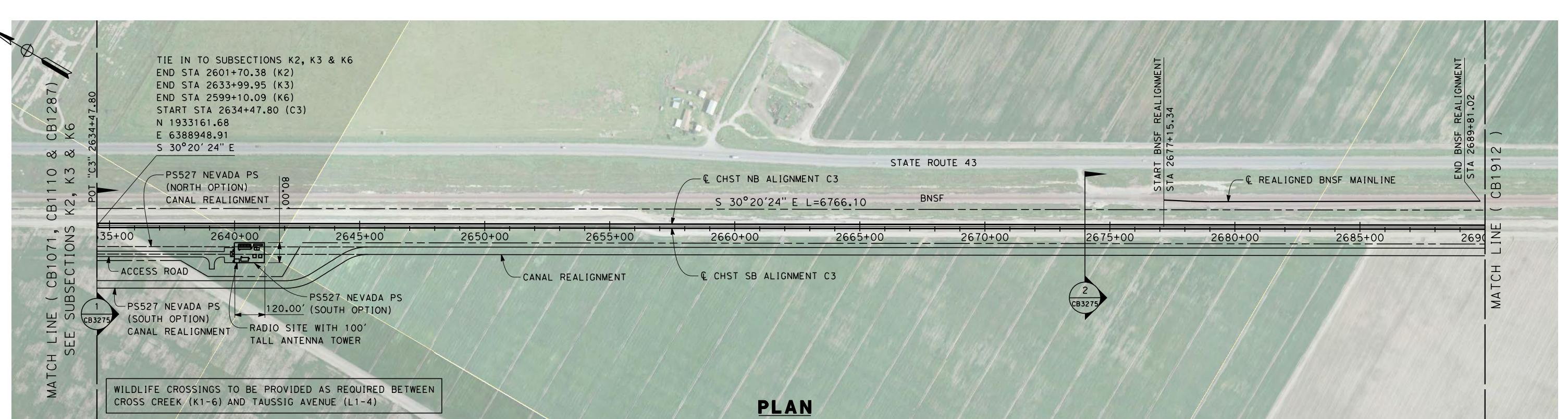
DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION
DRAWN BY J. BORGHESI	-
CHECKED BY K. SEYMOUR	NOT FOR CONSTRUCTION
IN CHARGE R. COFFIN	
DATE 12/31/13	

DESCRIPTION

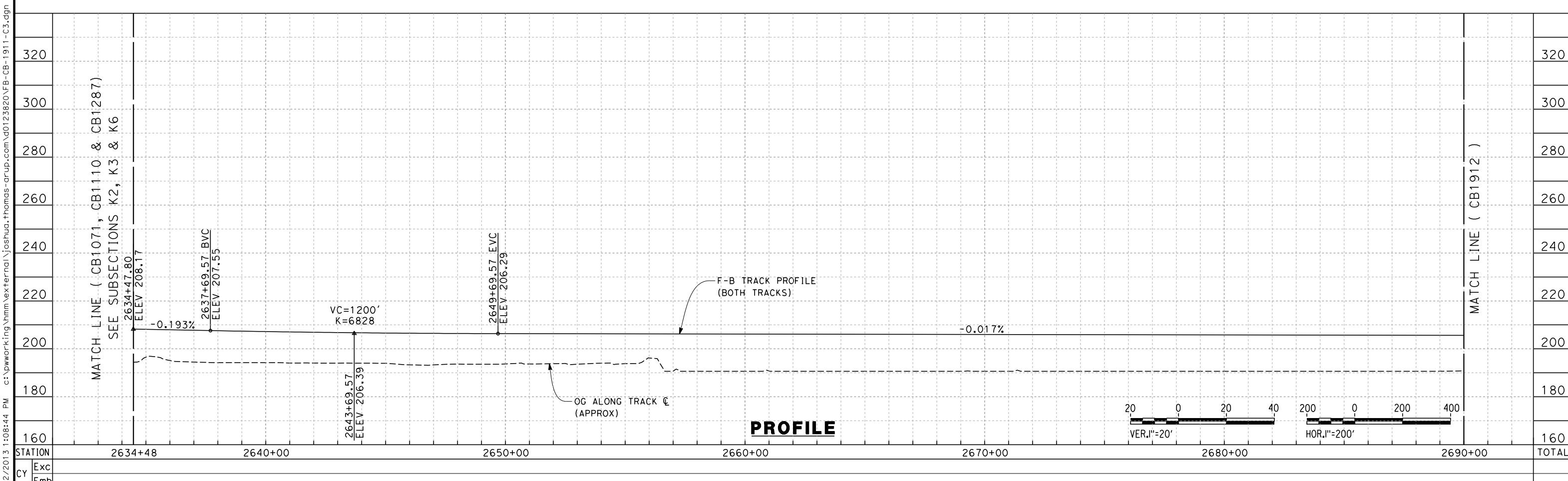


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C3
STA. 2634+48 TO 3096+00
KEY MAP

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1900
SCALE
AS SHOWN
SHEET NO.
1 OF 20

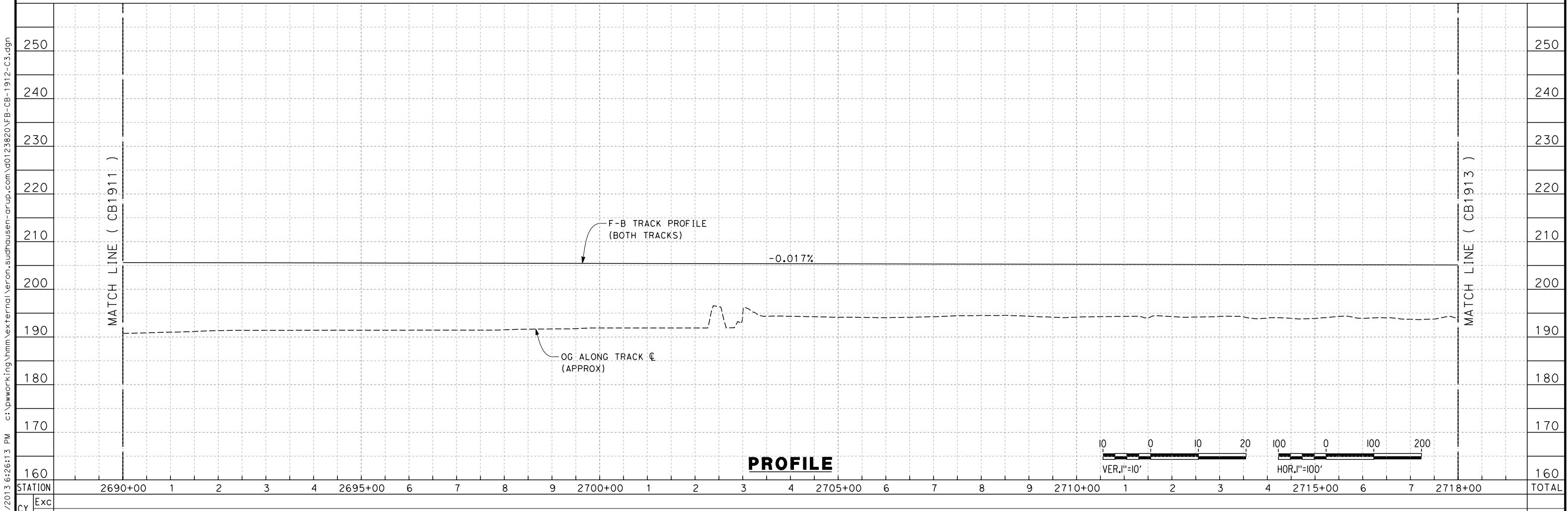
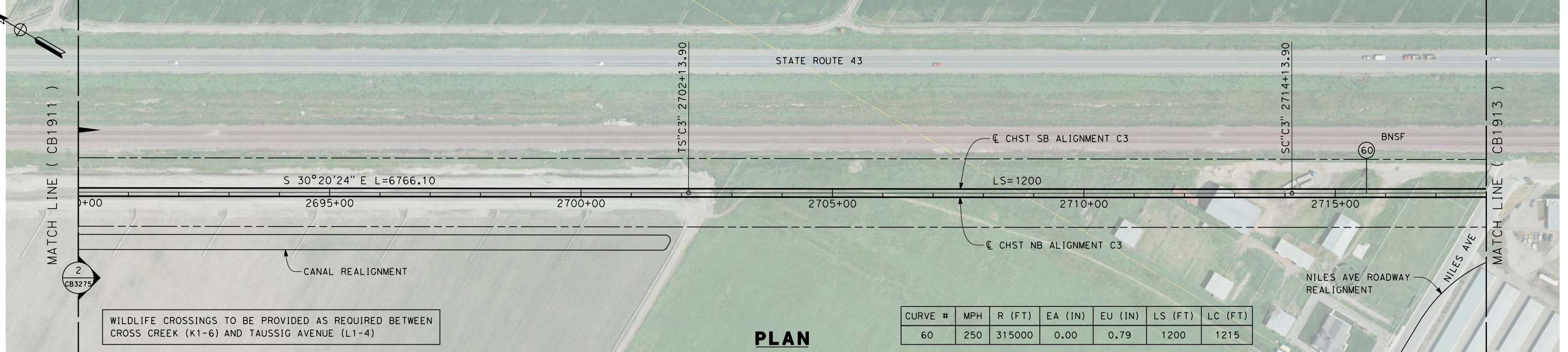


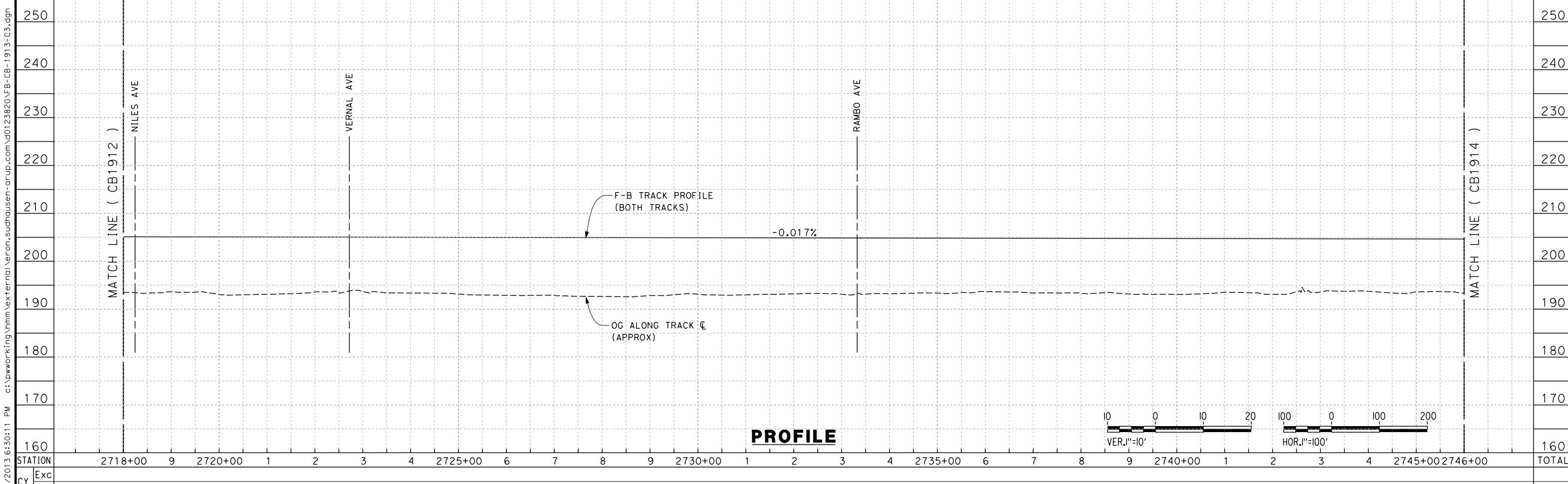
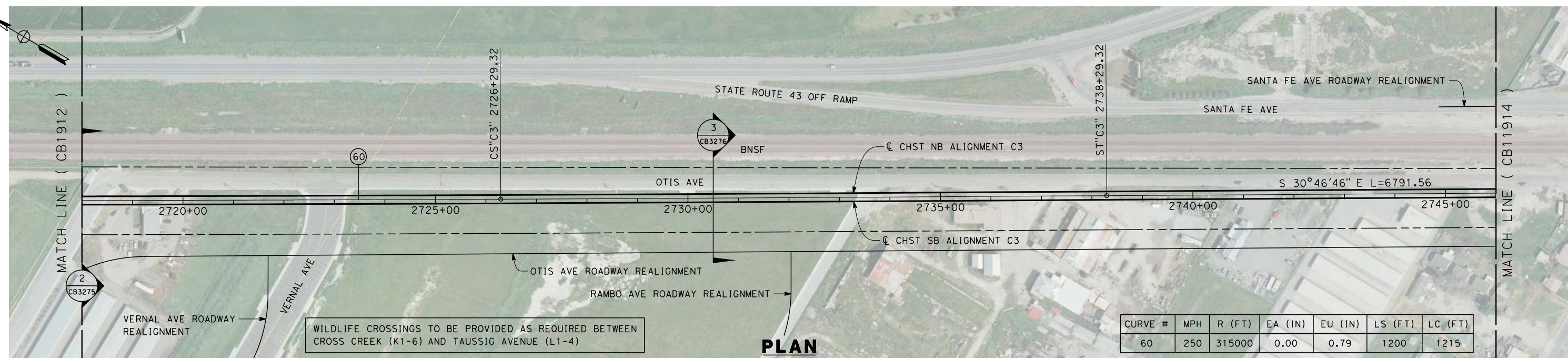
PLAN



PROFILE

DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD	CONTRACT NO. HSR 06-0003
DRAWN BY J. BORGHESI	-		CORCORAN SUBSECTION	DRAWING NO. CB1911
CHECKED BY K. SEYMORE			ALIGNMENT C3	SCALE
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION		STA. 2634+48 TO 2690+00	AS SHOWN
DATE 12/31/13	DESCRIPTION 12/31/13	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	PLAN AND PROFILE	SHEET NO. 2 OF 20





DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP
DRAWN BY J. BORGHESI	-	CALIFORNIA HIGH-SPEED TRAIN
CHECKED BY K. SEYMORE	NOT FOR CONSTRUCTION	CALIFORNIA HIGH-SPEED RAIL AUTHORITY
IN CHARGE R. COFFIN		
DATE 12/31/13		

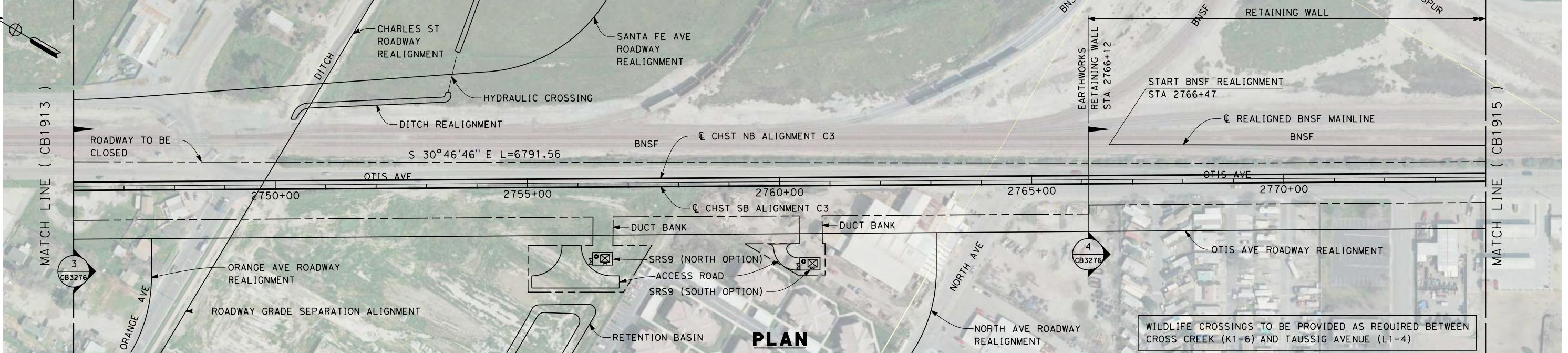
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C3
STA. 2718+00 TO 2746+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003

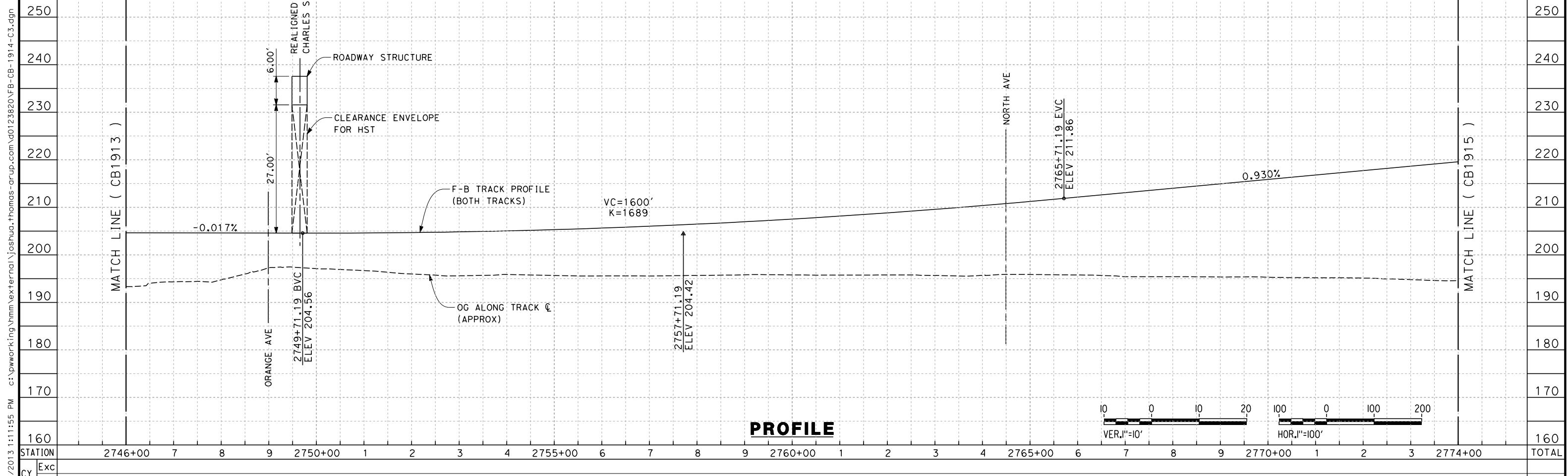
DRAWING NO.
CB1913

SCALE
AS SHOWN

SHEET NO.
4 OF 20



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

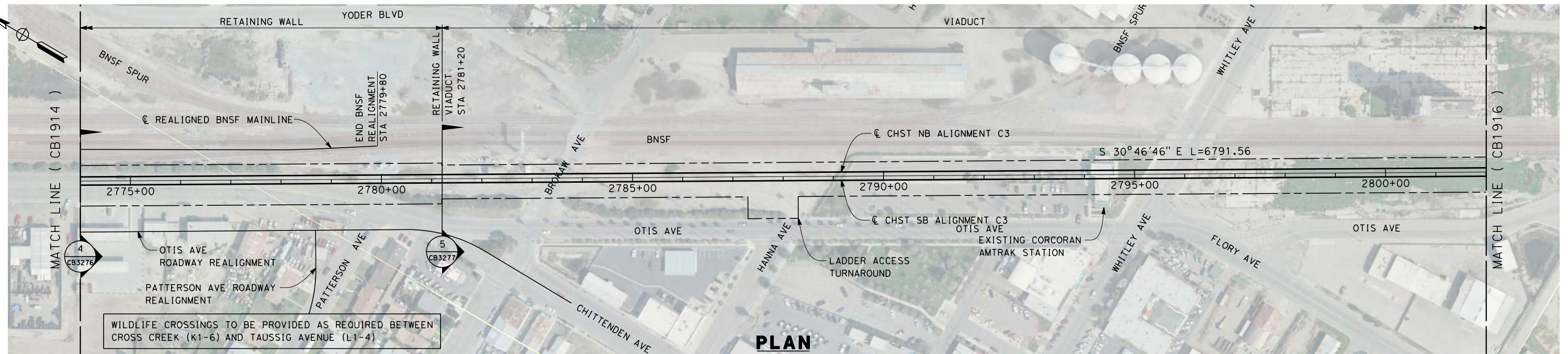
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
K. SEYOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

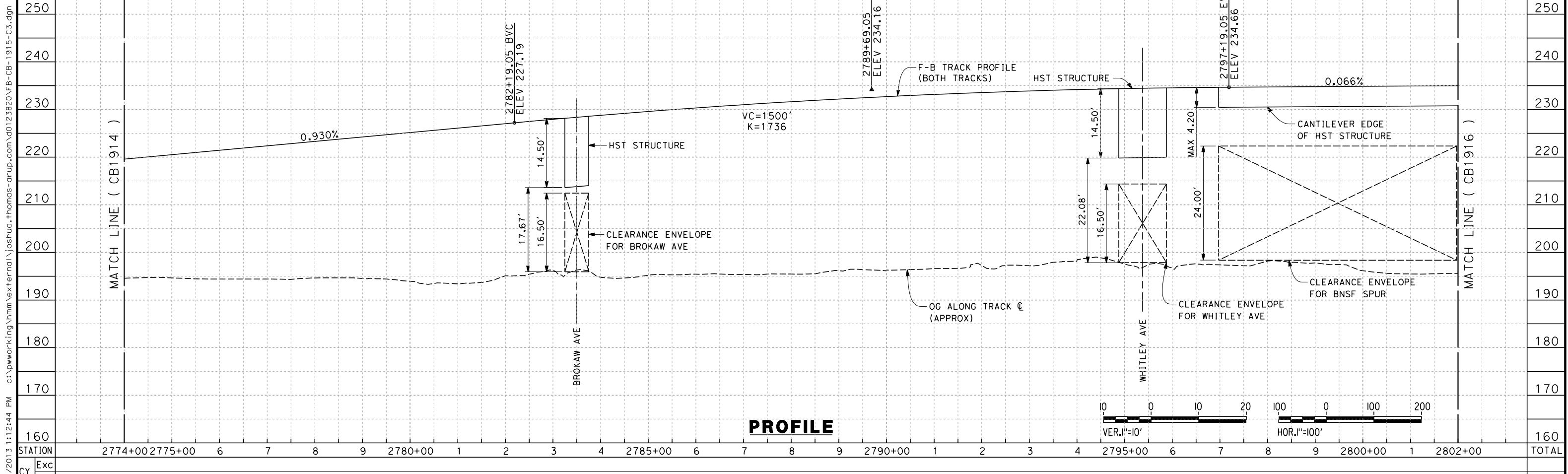


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C3
STA. 2746+00 TO 2774+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1914
SCALE
AS SHOWN
SHEET NO.
5 OF 20



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION	
					12/31/13	12/31/13

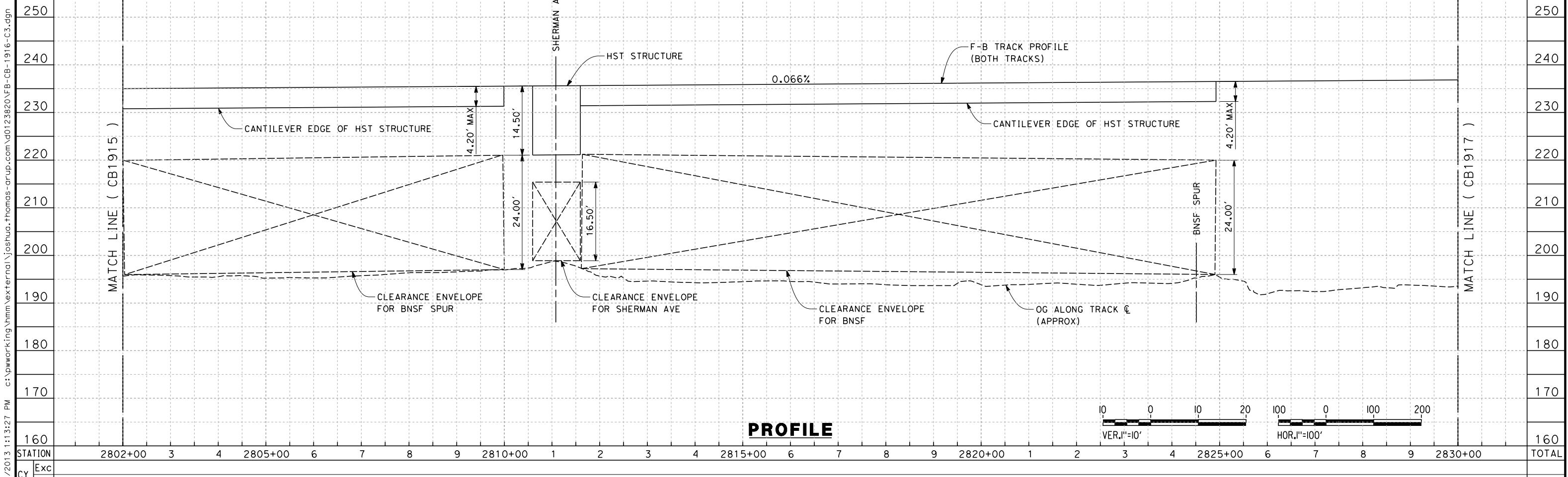
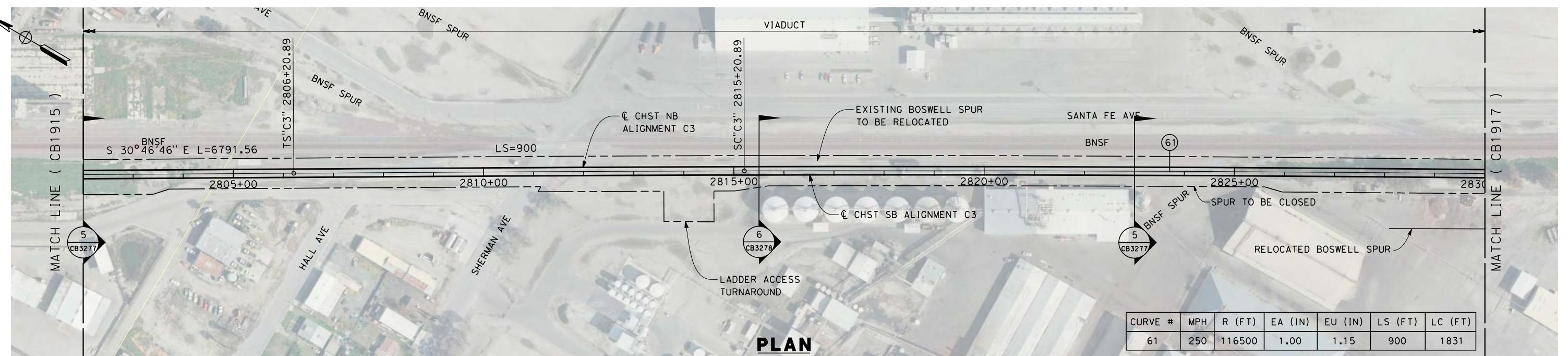
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

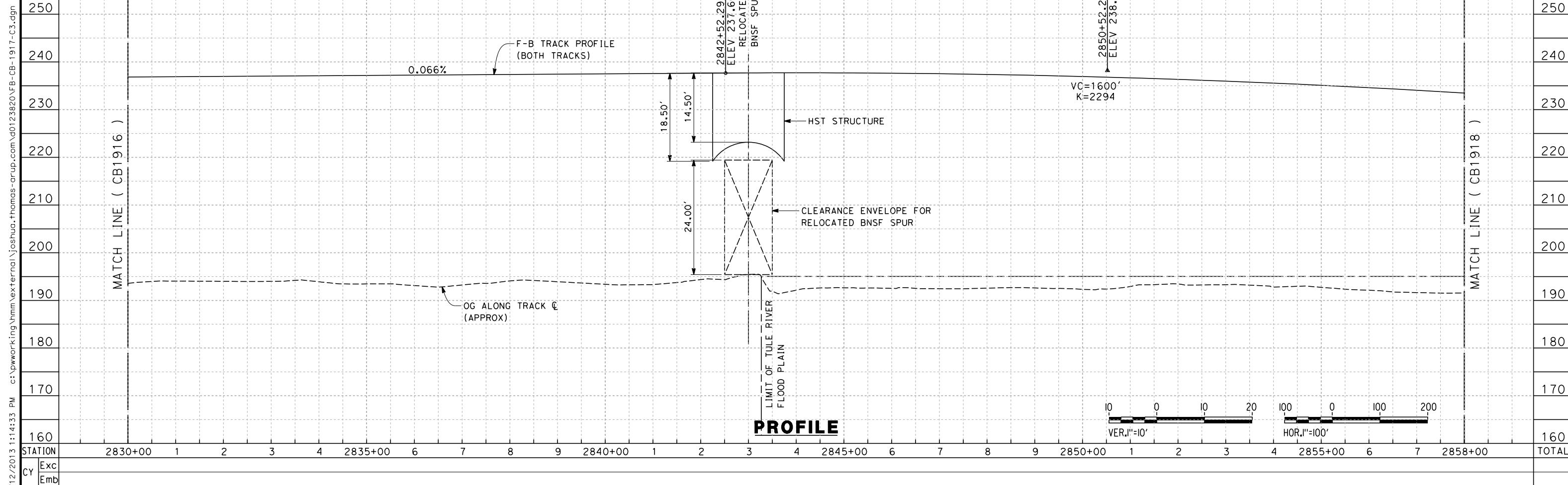
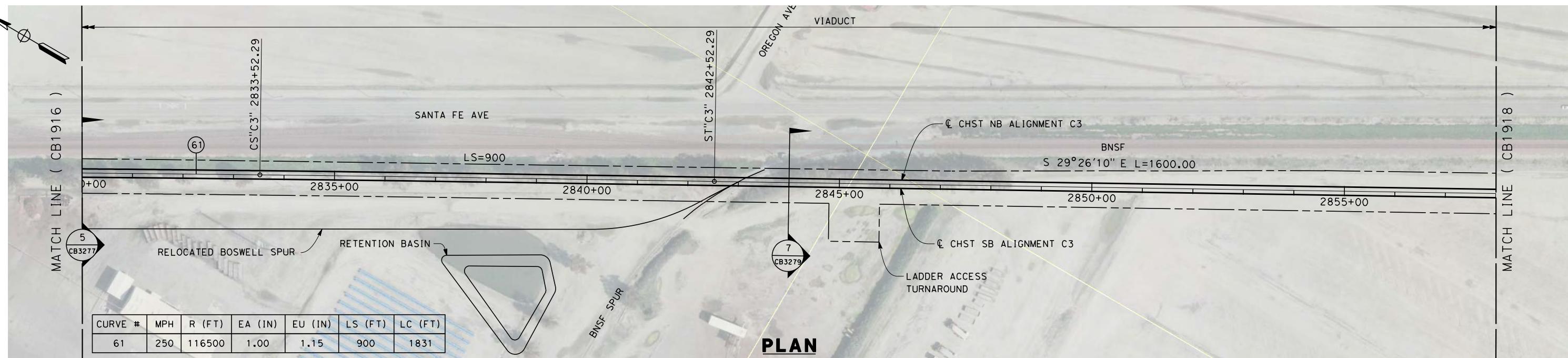
RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C3
STA. 2774+00 TO 2802+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1915
SCALE
AS SHOWN
SHEET NO.
6 OF 20





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DATE	BY	CHK	APP	DESCRIPTION	12/31/13
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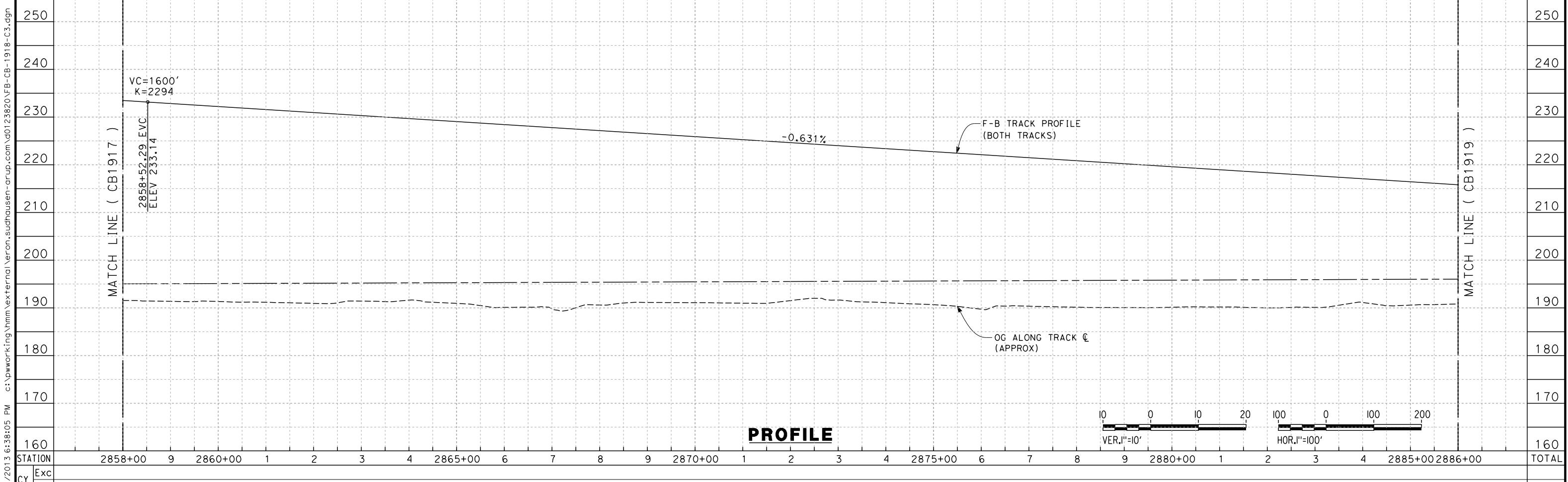
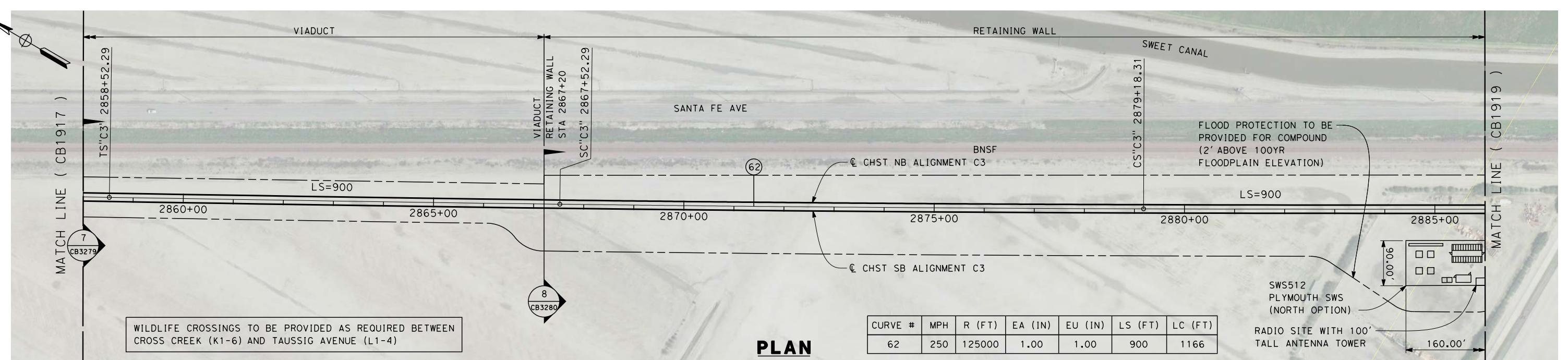
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
K. SEYOUR
IN CHARGE
R. COFFIN
DATE

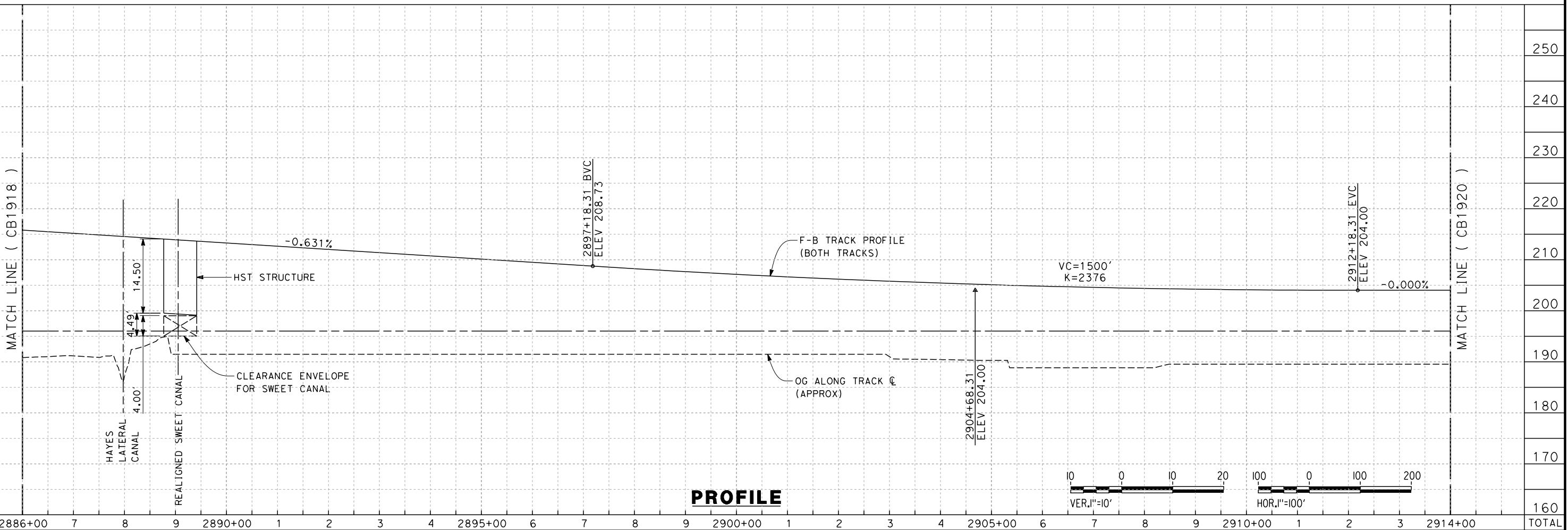
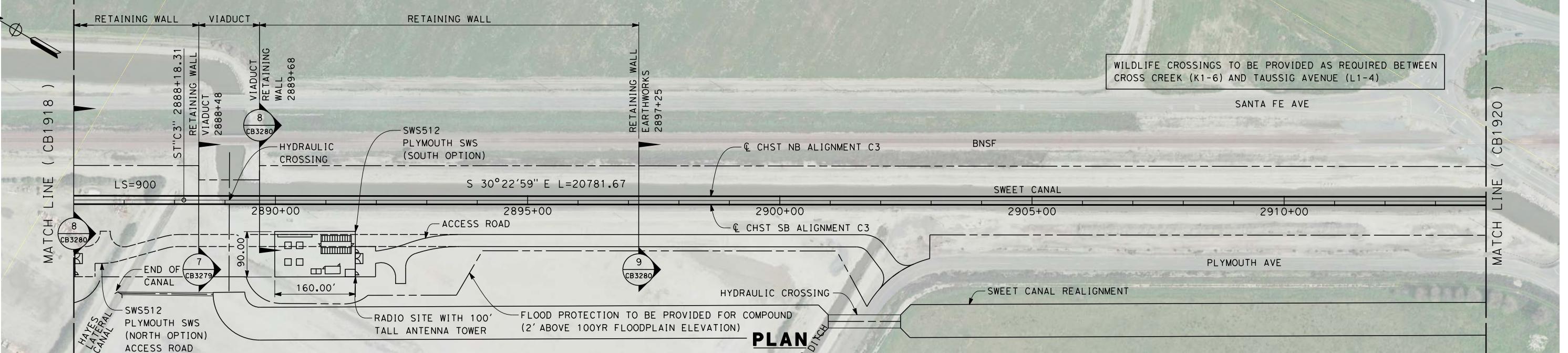
RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

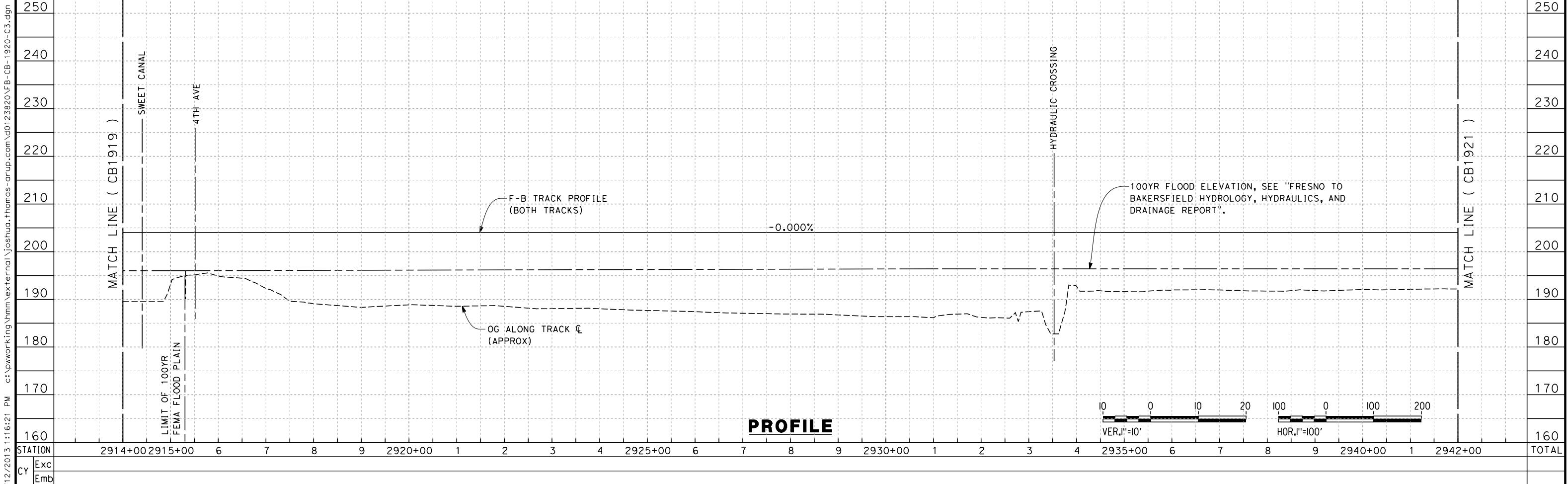
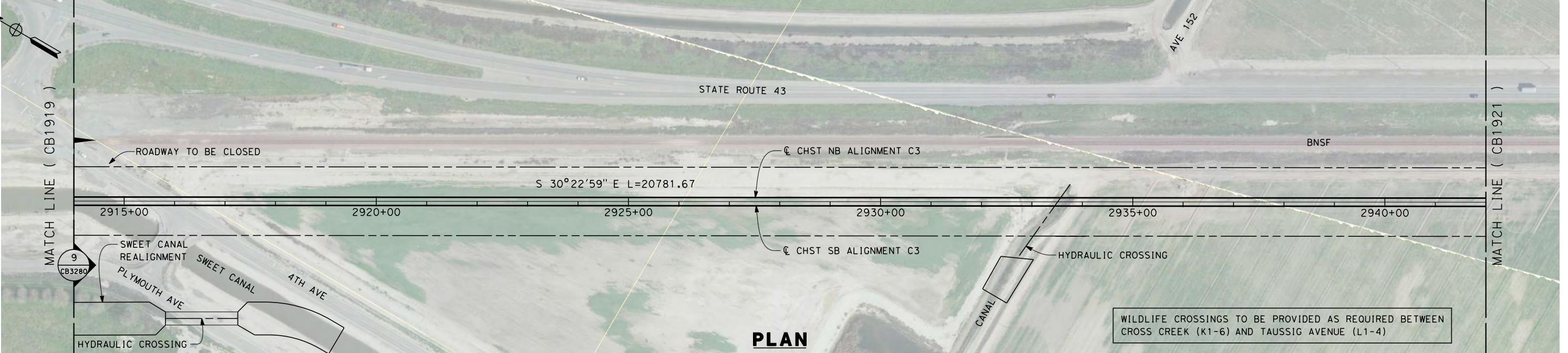


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C3
STA. 2830+00 TO 2858+00
PLAN AND PROFILE

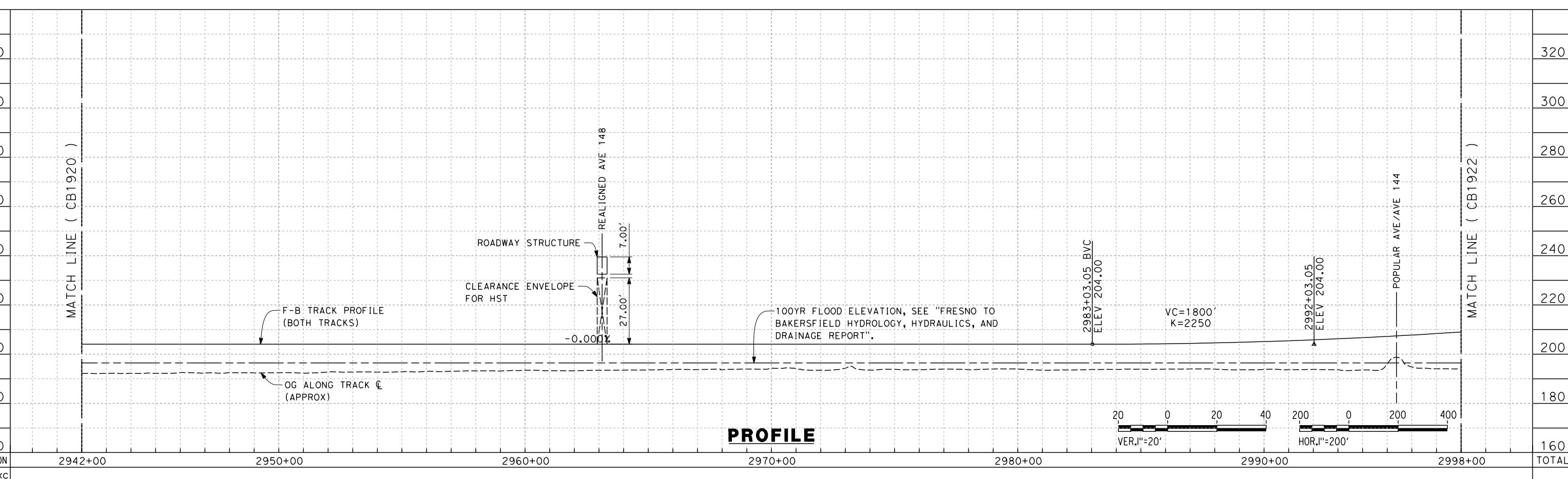
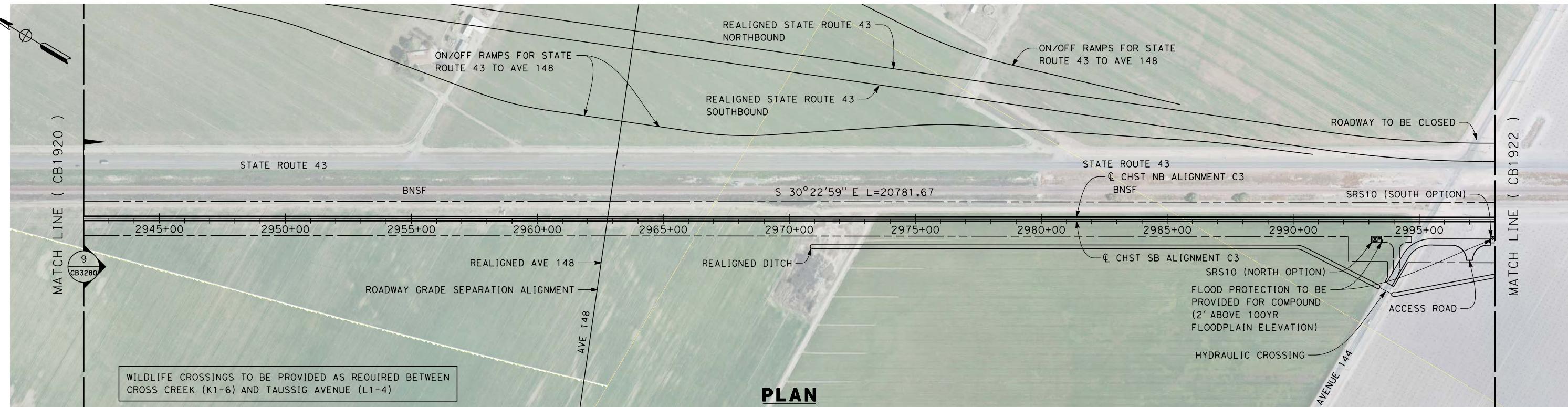
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1917
SCALE
AS SHOWN
SHEET NO.
8 OF 20







				DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD	CONTRACT NO. HSR 06-0003
				DRAWN BY J. BORGHESI	-			CORCORAN SUBSECTION ALIGNMENT C3	DRAWING NO. CB1920
				CHECKED BY K. SEYMOUR	NOT FOR CONSTRUCTION			STA. 2914+00 TO 2942+00	SCALE AS SHOWN
REV	DATE	BY	CHK APP	IN CHARGE R. COFFIN	DATE	12/31/13	DESCRIPTION	PLAN AND PROFILE	SHEET NO. 11 OF 20
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REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

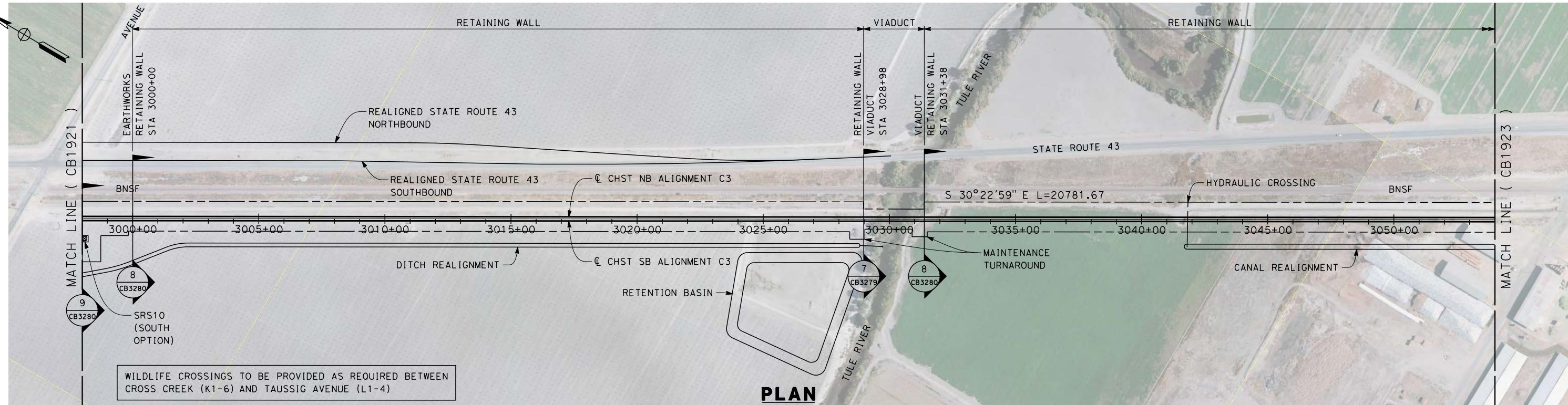
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

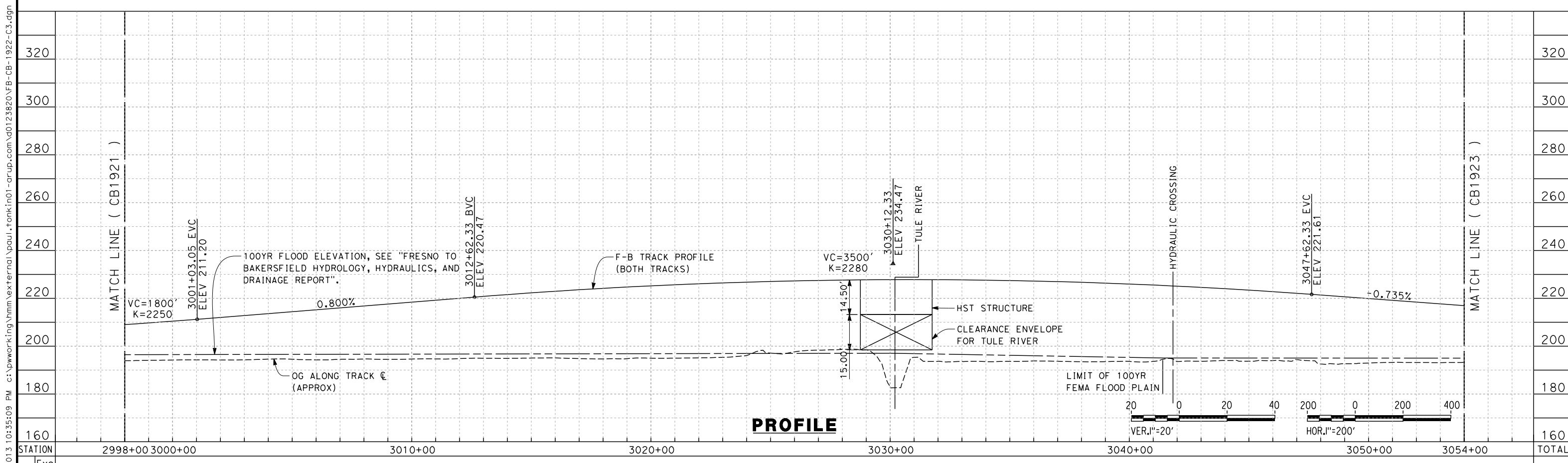


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C3
STA. 2942+00 TO 2998+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1921
SCALE
AS SHOWN
SHEET NO.
12 OF 20



PLAN



PROFILE

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APP

DESCRIPTION

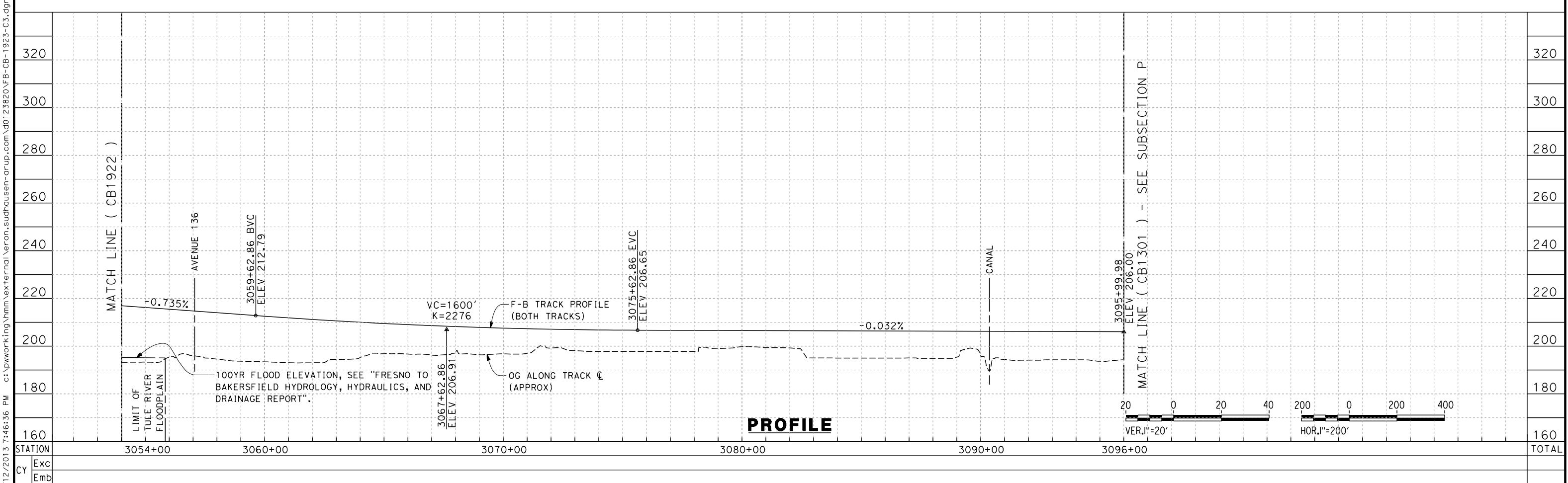
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C3
STA. 2998+00 TO 3054+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1922
SCALE
AS SHOWN
SHEET NO.
13 OF 20



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REV	DATE	BY	CHK

	DESIGNED
	S. LIT.
	DRAWN BY
	J. BOYD
	CHECKED
	K. SE
	IN CHARGE
	R. COOPER
	DATE
	12

**RECORD SET 157
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

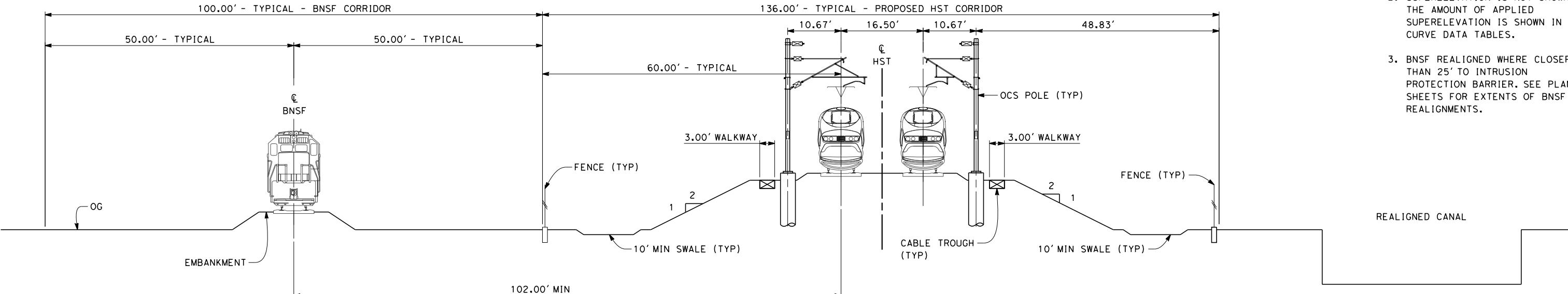


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

CORCORAN SUBSECTION
ALIGNMENT C3
STA. 3054+00 TO 3096+00
PLAN AND PROFILE

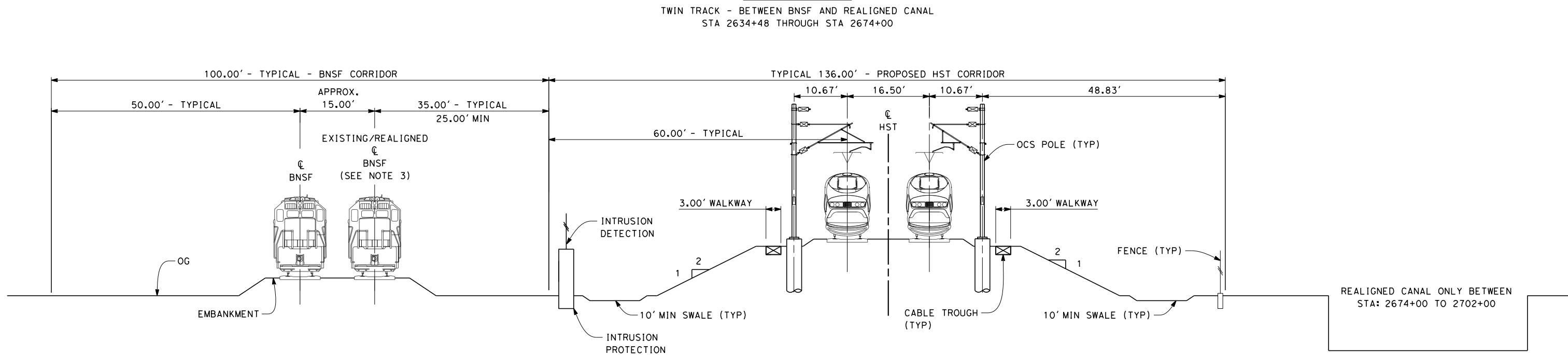
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1923
CALE
AS SHOWN
HEET NO.
14 OF 20

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.
 3. BNSF REALIGNED WHERE CLOSER THAN 25' TO INTRUSION PROTECTION BARRIER. SEE PLAN SHEETS FOR EXTENTS OF BNSF REALIGNMENTS.



SECTION 1

TWIN TRACK - BETWEEN BNSF AND REALIGNED CANAL
STA 2634+48 THROUGH STA 2674+00



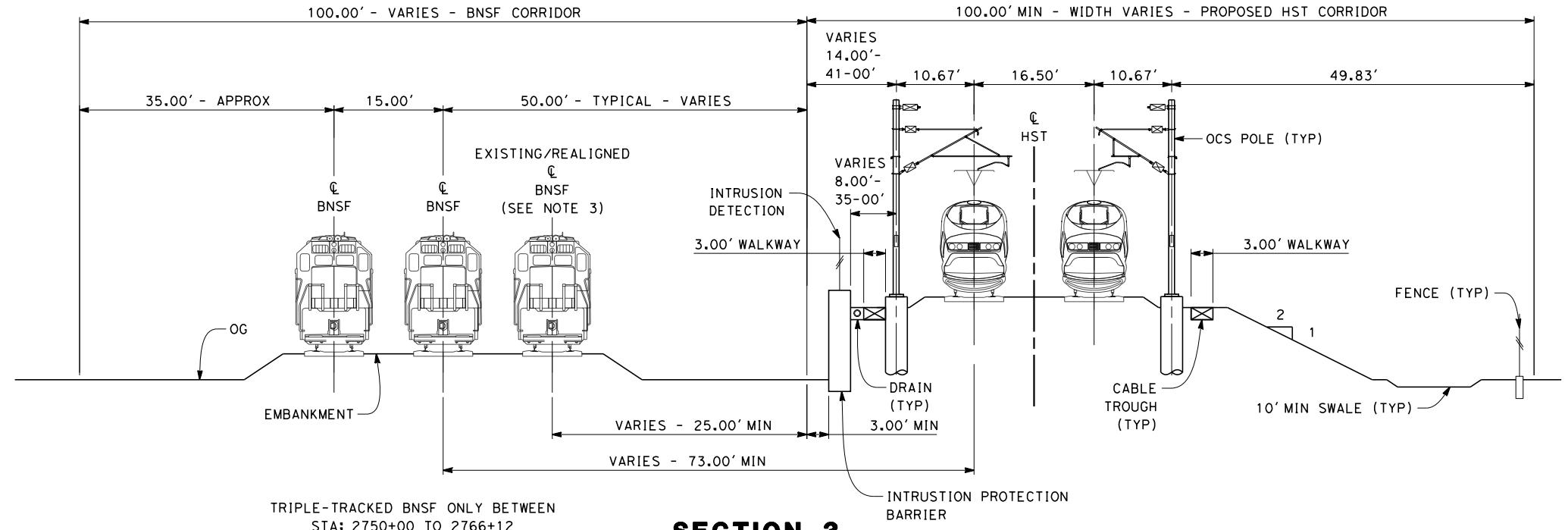
SECTION 2

TWIN TRACK - INTRUSION PROTECTION BETWEEN TWIN TRACK BNSF AND REALIGNED CANAL
STA 2674+00 THROUGH STA 2730+50

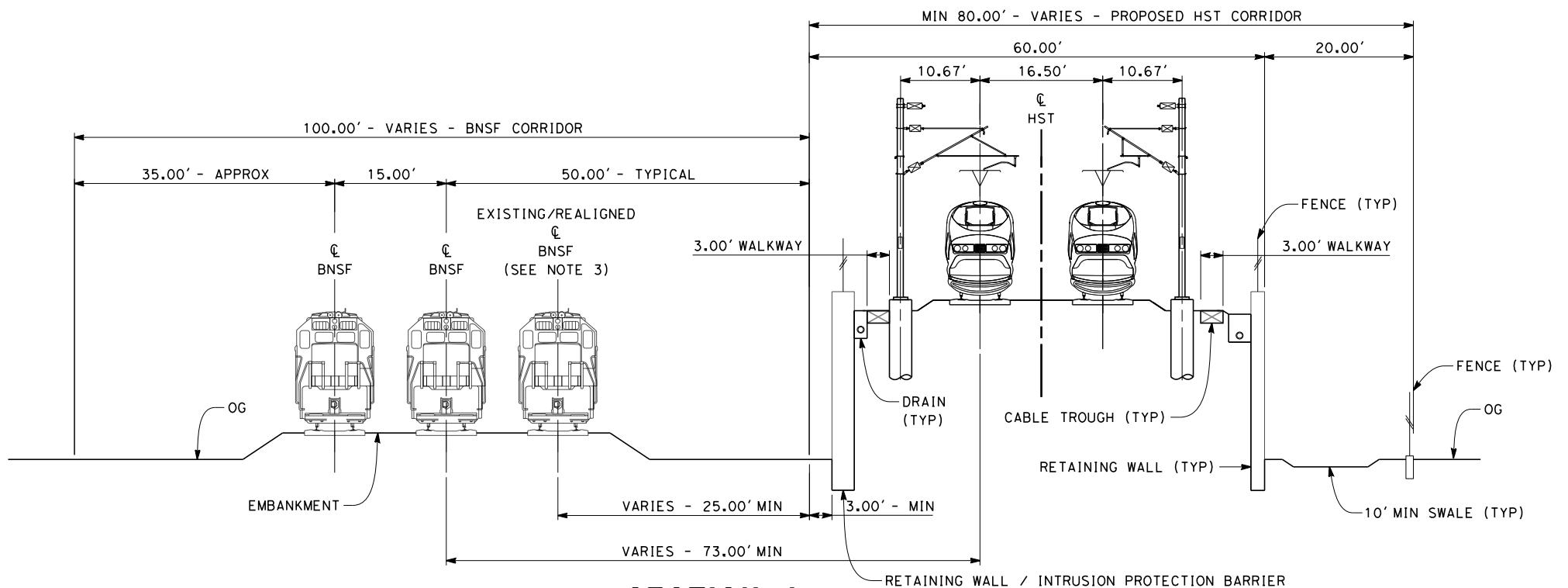


				DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD	CONTRACT NO. HSR 06-0003
				DRAWN BY J. BORGHESI	-			CORCORAN SUBSECTION ALIGNMENT C3 TYPICAL SECTIONS	DRAWING NO. CB3275
				CHECKED BY K. SEYMORE	NOT FOR CONSTRUCTION				SCALE AS SHOWN
				IN CHARGE R. COFFIN					SHEET NO. 15 OF 20
REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13			

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.
 3. BNSF REALIGNED WHERE CLOSER THAN 25' TO INTRUSION PROTECTION BARRIER. SEE PLAN SHEETS FOR EXTENTS OF BNSF REALIGNMENTS.



TWIN TRACK - INTRUSION PROTECTION ADJACENT TO TRIPLE TRACKED BNSF
STA 2730+50 THROUGH STA 2766+12

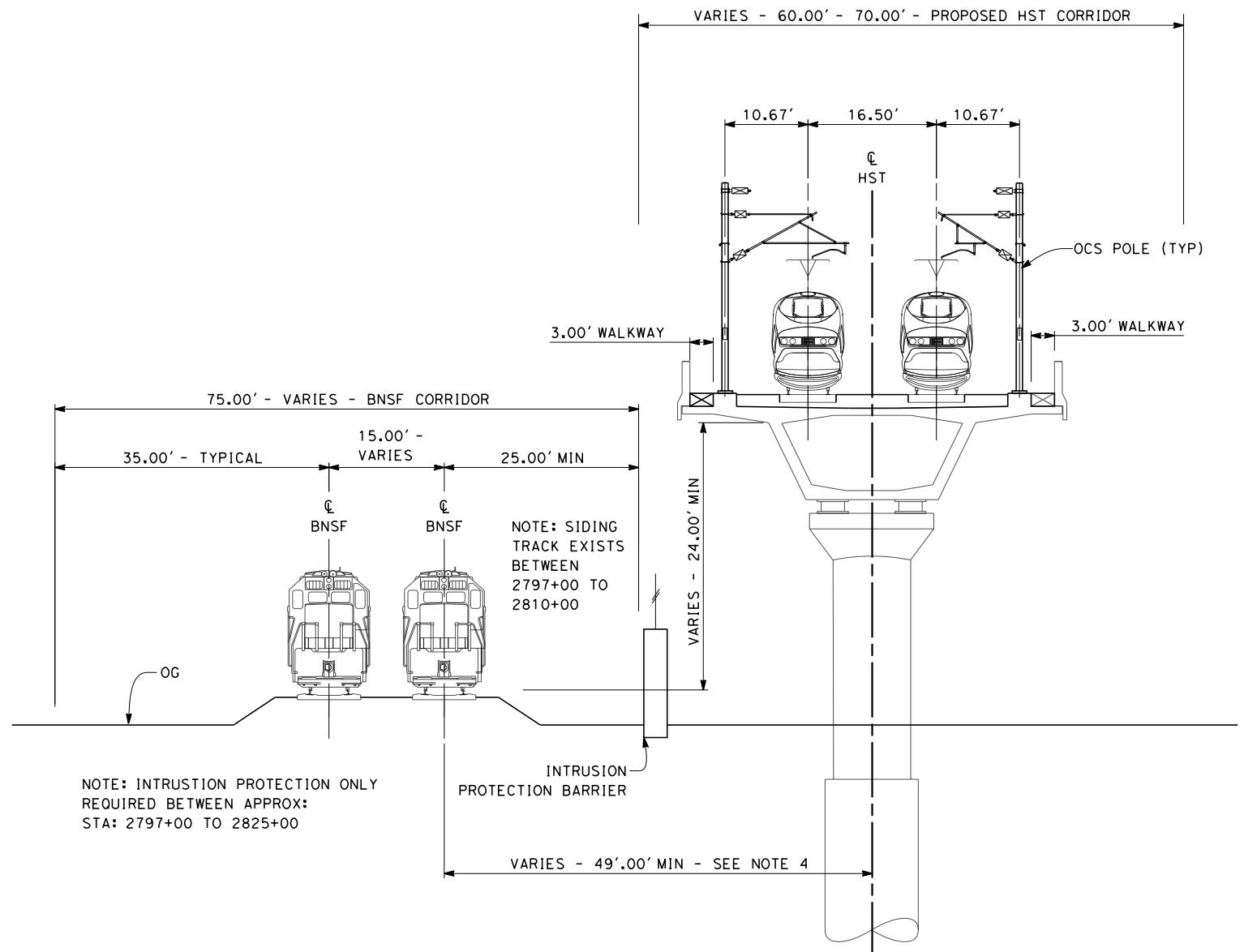


TWIN TRACK - RETAINED EMBANKMENT ADJACENT TO TRIPLE TRACKED BNSF
STA 2766+12 THROUGH STA 2781+20

10 0 10 20
1'=10'

DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN SUBSECTION ALIGNMENT C3 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY J. BORGHESI					DRAWING NO. CB3276
CHECKED BY K. SEYOUR					SCALE AS SHOWN
IN CHARGE R. COFFIN					SHEET NO. 16 OF 20
DATE 12/31/13					
REV	DATE	BY	CHK	APP	DESCRIPTION

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE.
 2. FOR STRUCTURE DIMENSIONS, SEE STRUCTURAL CROSS SECTIONS.
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.
 4. HST STRUCTURE OVERHANGS BNSF CORRIDOR BETWEEN STA. 2797+00 TO 2825+00.



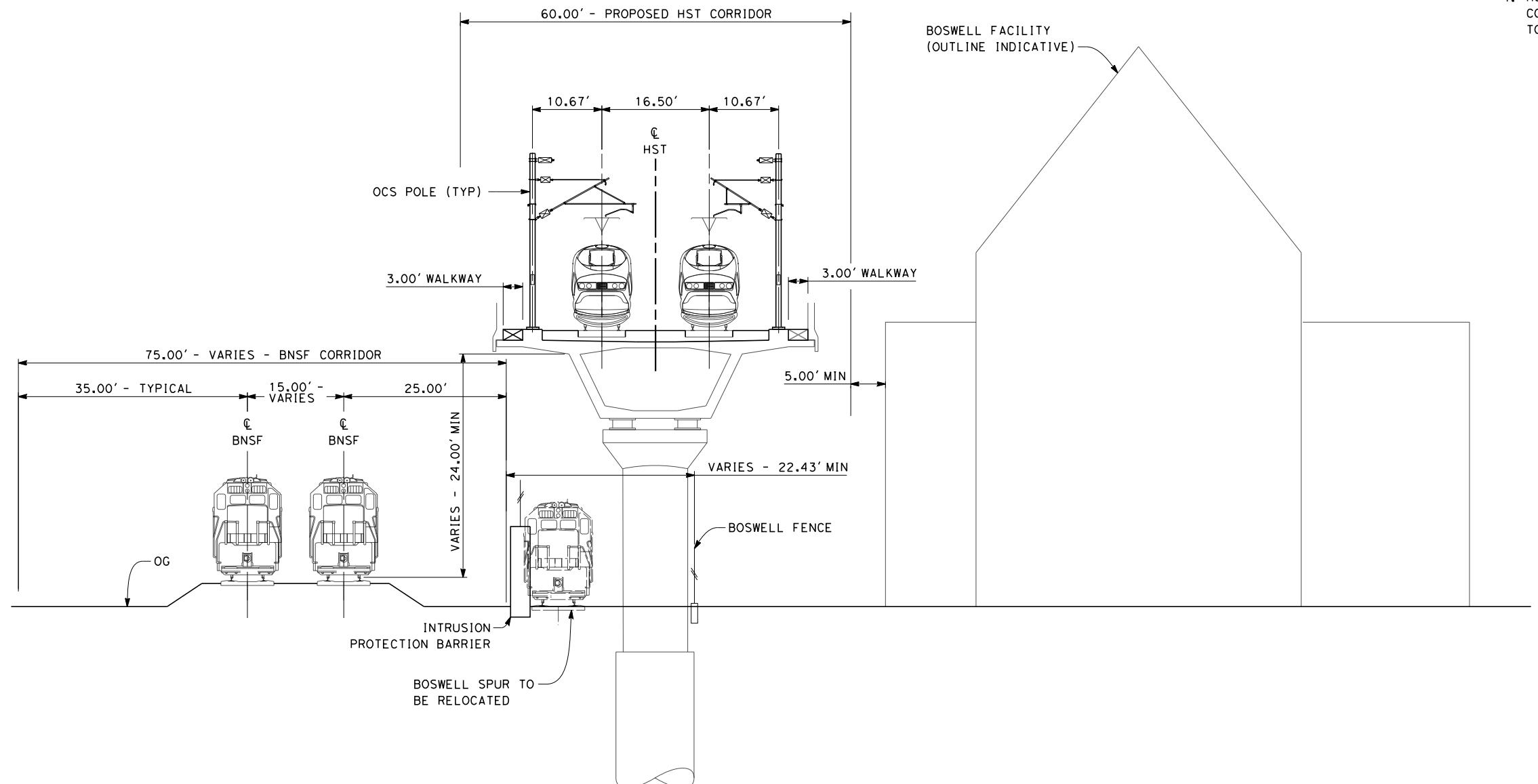
SECTION 5

TWIN TRACKS - AERIAL VIADUCT ADJACENT TO TWIN TRACK BNSF
STA 2781+20 THROUGH STA 2815+50
STA 2823+00 THROUGH STA 2844+00



DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN SUBSECTION ALIGNMENT C3 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY J. BORGHESI	-				DRAWING NO. CB3277
CHECKED BY K. SEYMOUR					SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION				SHEET NO. 17 OF 20
DATE 12/31/13					
REV	DATE	BY	CHK	APP	DESCRIPTION

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS, SEE STRUCTURAL CROSS SECTIONS.
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.
 4. HST STRUCTURE OVERHANGS BNSF CORRIDOR BETWEEN STA. 2797+00 TO 2825+00.



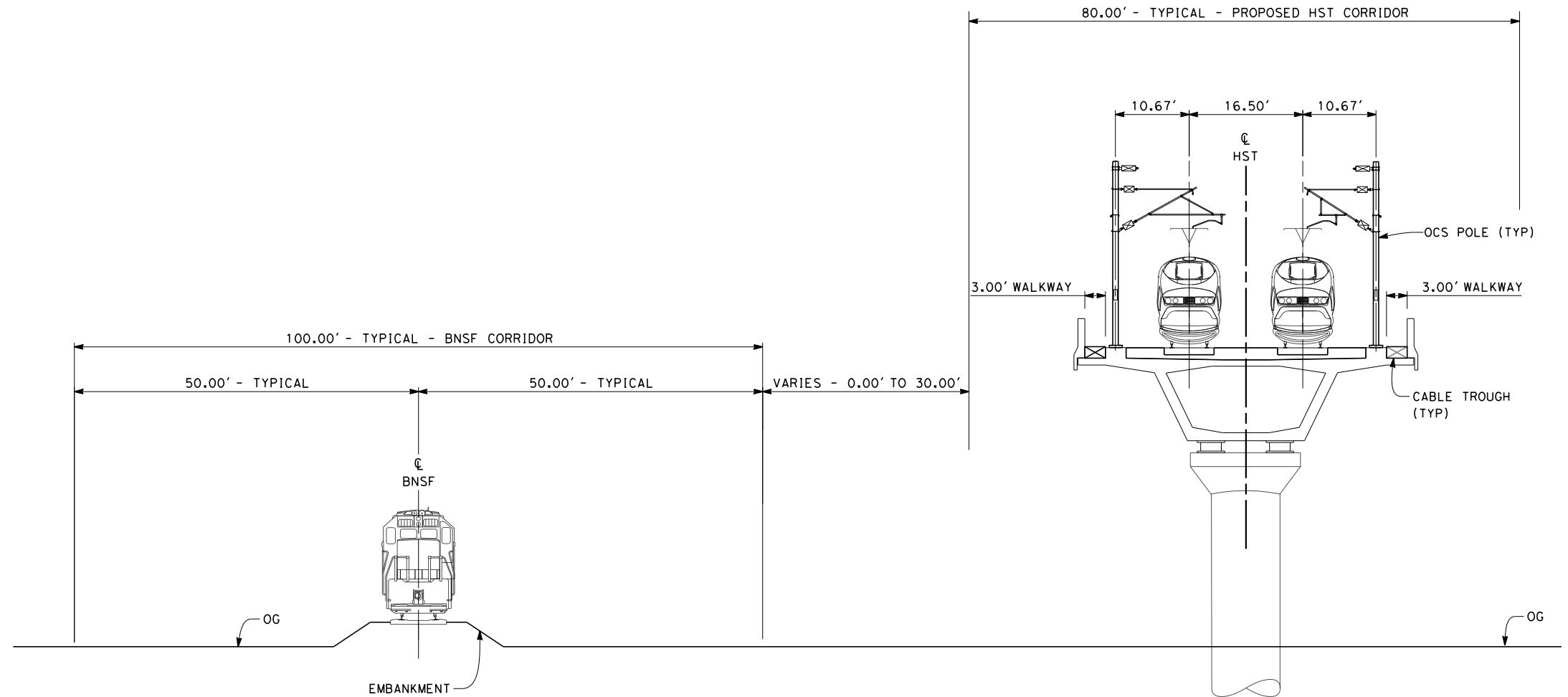
SECTION 6

TWIN TRACKS - AERIAL VIADUCT ADJACENT TO BOSWELL FACILITY
STA 2815+50 THROUGH STA 2823+00



DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN SUBSECTION ALIGNMENT C3 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY J. BORGHESI	-				DRAWING NO. CB3278
CHECKED BY K. SEYMOUR					SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION				SHEET NO. 18 OF 20
DATE 12/31/13	DESCRIPTION				
REV	DATE	BY	CHK	APP	

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS, SEE STRUCTURAL CROSS SECTIONS.
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.

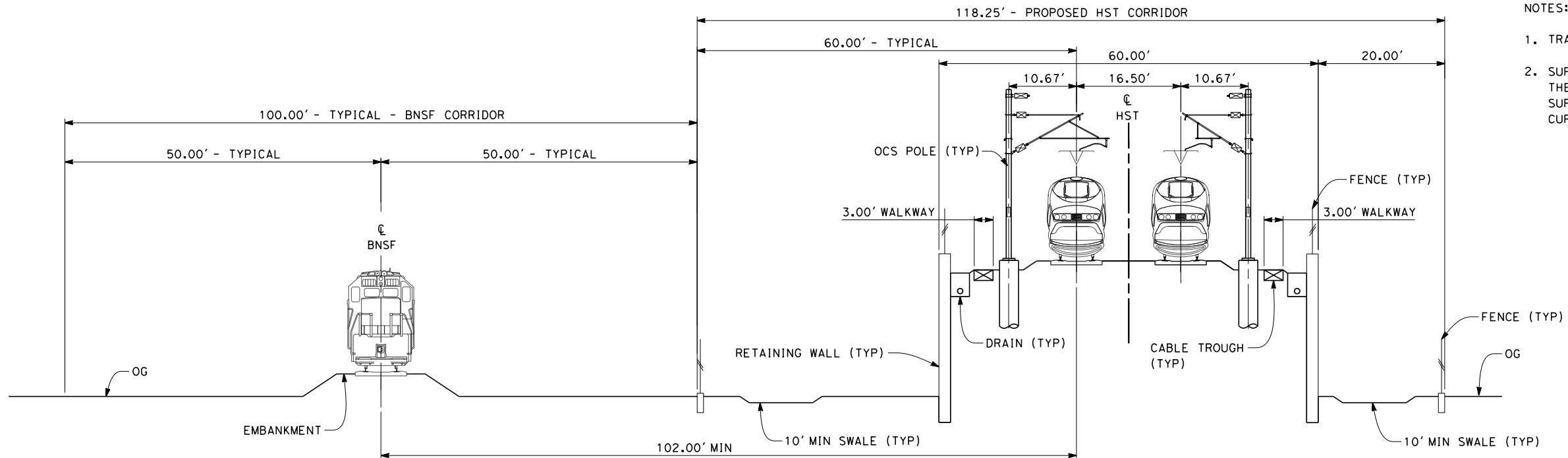


SECTION 7

TWIN TRACKS - AERIAL VIADUCT ADJACENT TO SINGLE TRACK BNSF
 STA 2844+00 THROUGH STA 2867+20
 STA 2888+48 THROUGH STA 2889+86
 STA 3029+98 THROUGH STA 3031+38

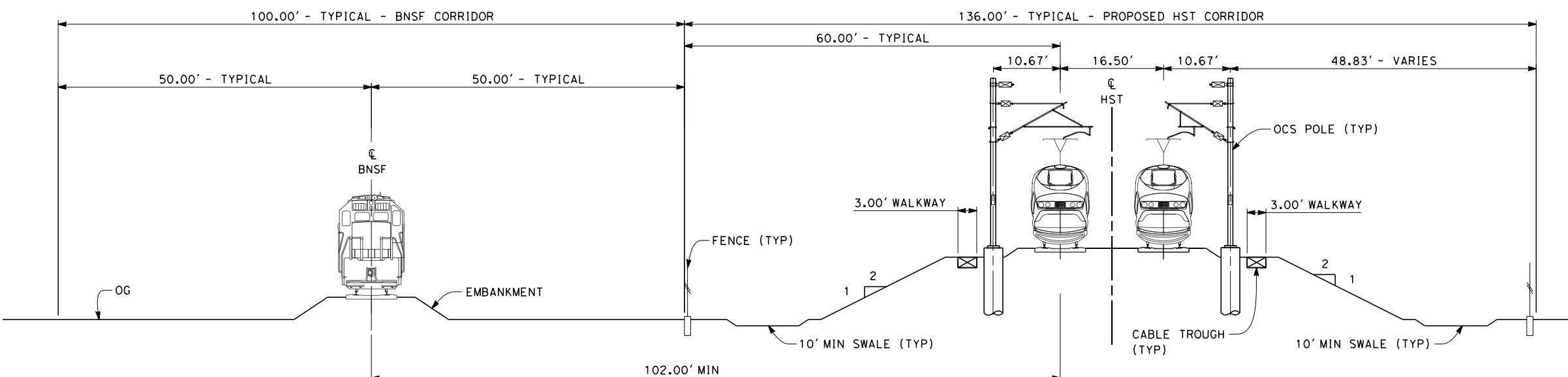


					DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD	CONTRACT NO. HSR 06-0003
					DRAWN BY J. BORGHESI	-			CORCORAN SUBSECTION ALIGNMENT C3 TYPICAL SECTIONS	DRAWING NO. CB3279
					CHECKED BY K. SEYMOUR	NOT FOR CONSTRUCTION				SCALE AS SHOWN
					IN CHARGE R. COFFIN					SHEET NO. 19 OF 20
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE	12/31/13			



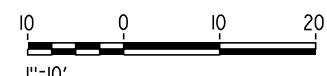
SECTION 8

TWIN TRACKS - RETAINED EMBANKMENT ADJACENT TO SINGLE TRACK BNSF
 STA 2867+20 THROUGH STA 2888+48
 STA 2889+86 THROUGH STA 2897+25
 STA 3000+00 THROUGH STA 3028+98
 STA 3031+38 THROUGH STA 3062+08

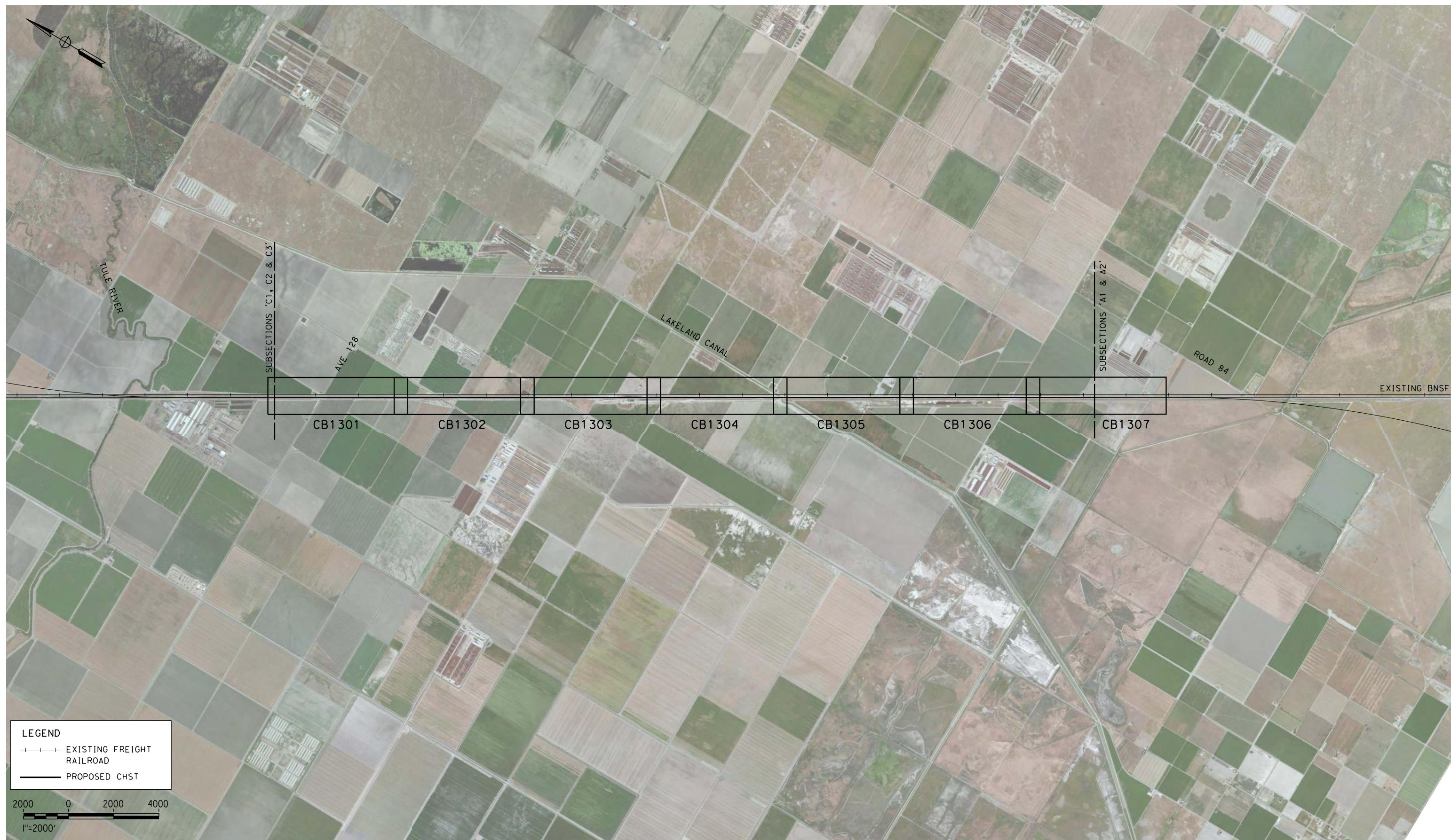


SECTION 9

TWIN TRACKS - ADJACENT TO SINGLE TRACK BNSF
 STA 2897+25 THROUGH STA 3000+00
 STA 3062+08 THROUGH STA 3096+00



DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN SUBSECTION ALIGNMENT C3 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003 DRAWING NO. CB3280 SCALE AS SHOWN SHEET NO. 20 OF 20
REV DATE BY CHK APP	DESCRIPTION	12/31/13			



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

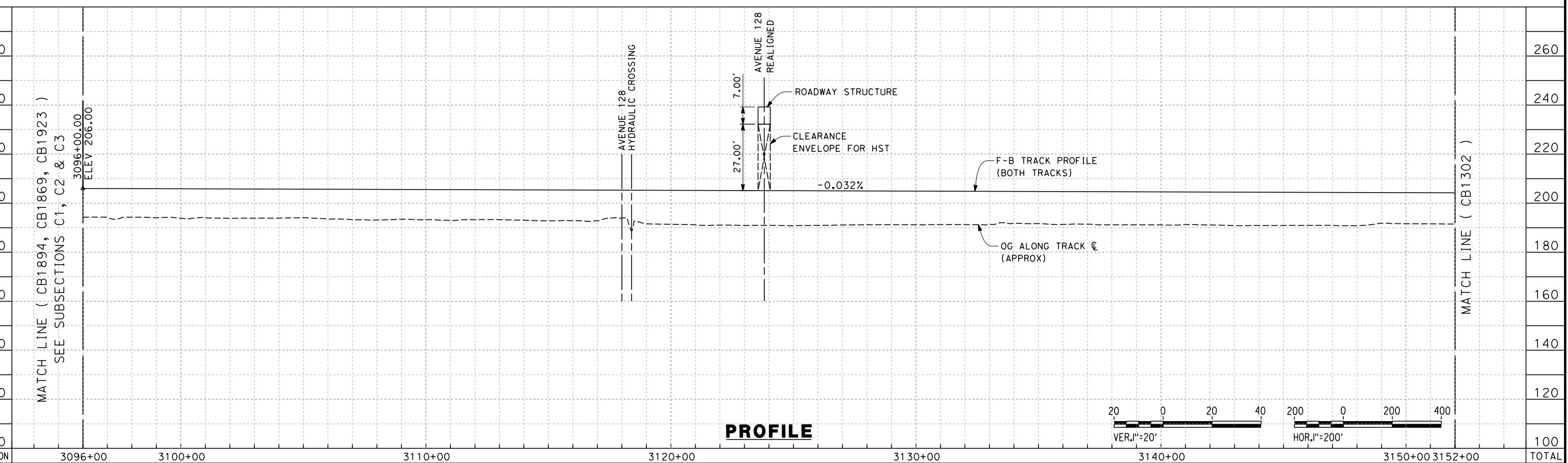
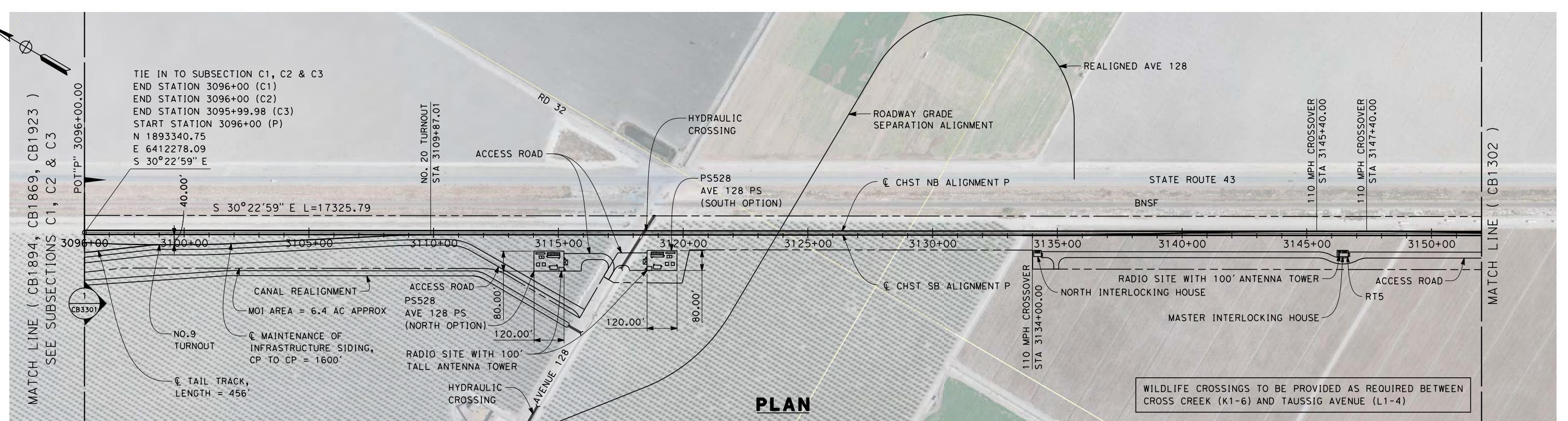
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
PIXLEY SUBSECTION
ALIGNMENT P
STA. 3096+00 TO 3459+25
KEY MAP

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1300
SCALE
AS SHOWN
SHEET NO.
1 OF 9



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

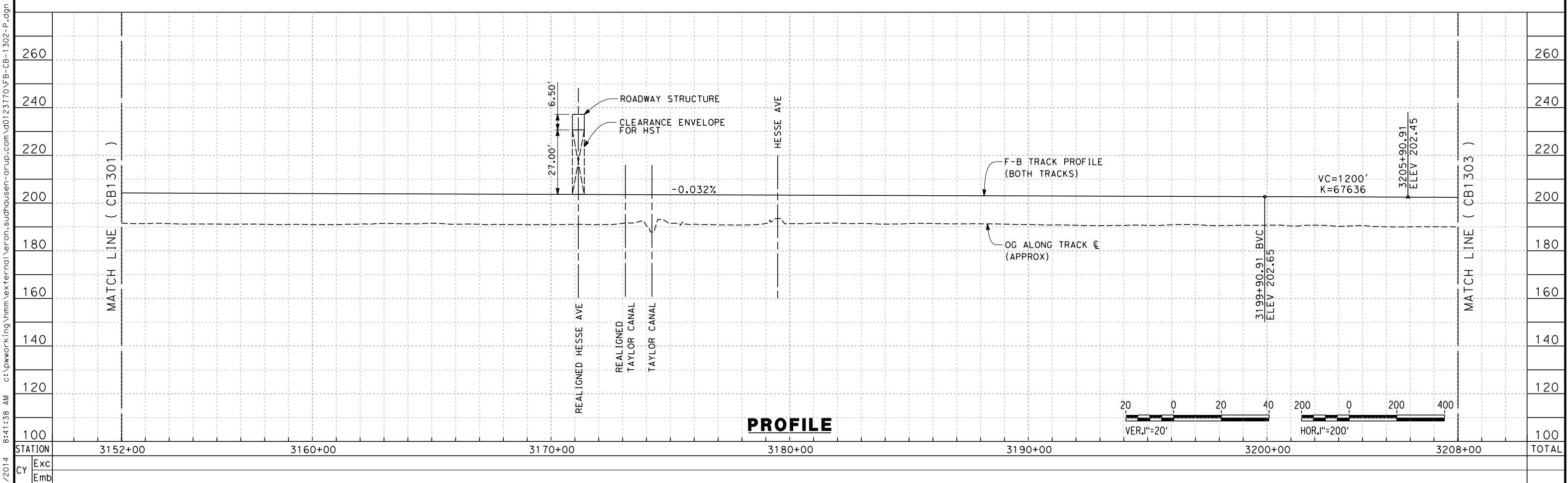
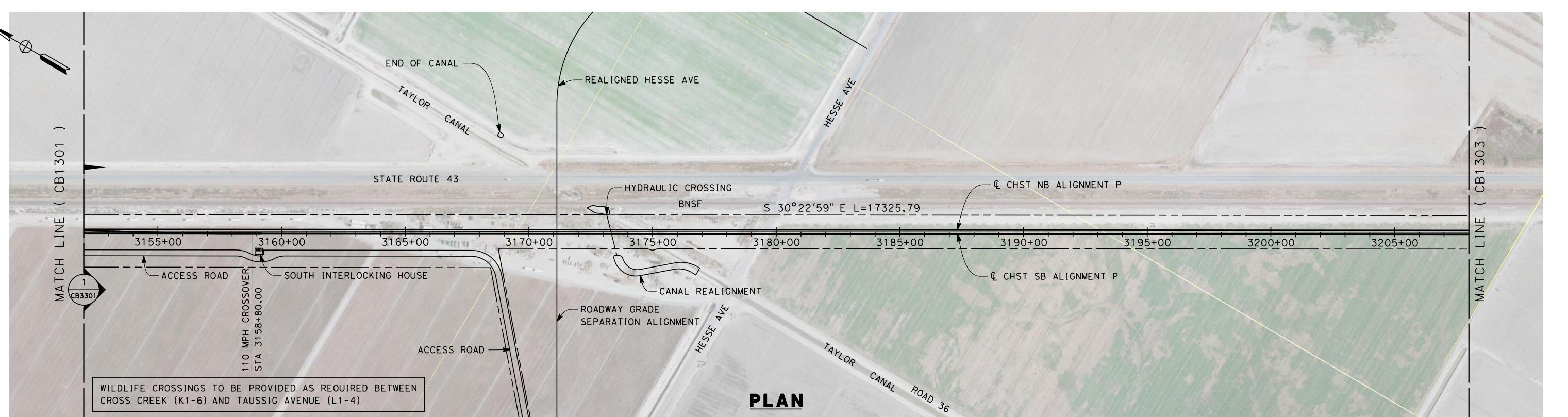
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
K. SEYMORE
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

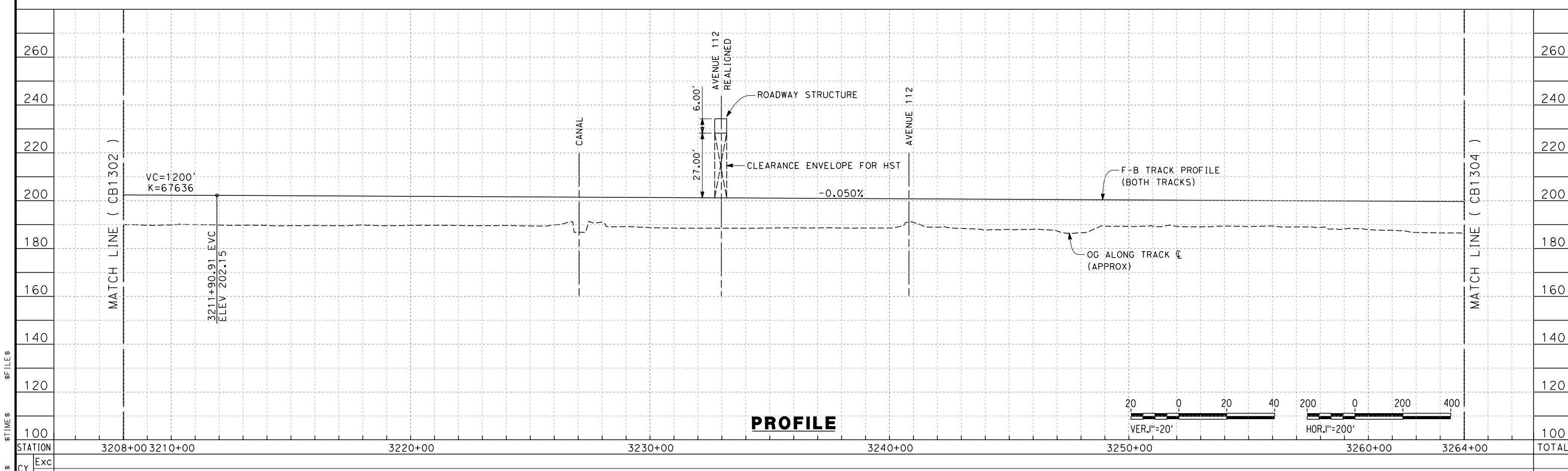
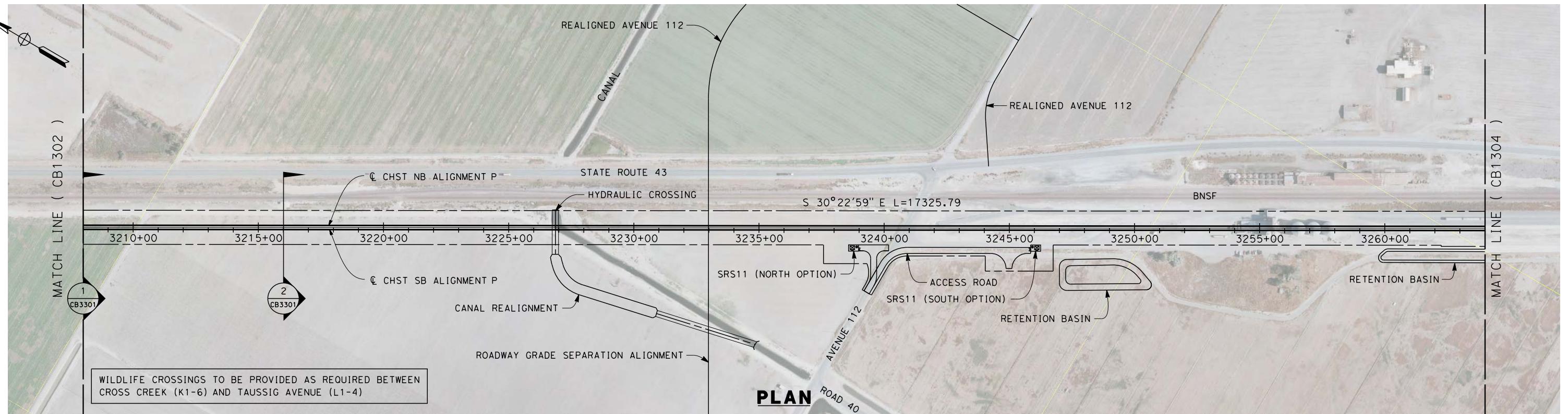


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
PIXLEY SUBSECTION
ALIGNMENT P
STA. 3096+00 TO 3152+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1301
SCALE
AS SHOWN
SHEET NO.
2 OF 9



ERON.SUDHAUSEN 3/7/2014 8:41:38 AM C:\PWORKING\HMM\EXTERNAL\NERON.SUDHAUSEN\ARUP.COM\DO123770.FB-CB-1302-P.DGN				CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD				CONTRACT NO. HSR 06-0003			
REV	DATE	BY	CHK	APP	DESCRIPTION	RE记	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	DRAWING NO. CB1302	SCALE AS SHOWN
							- NOT FOR CONSTRUCTION				

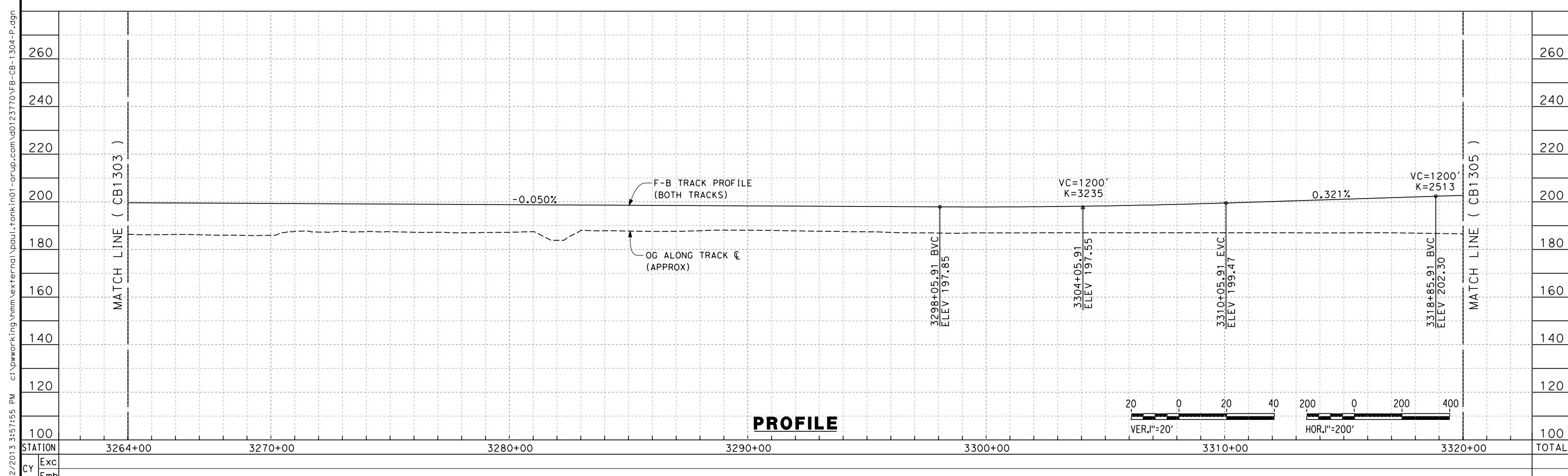
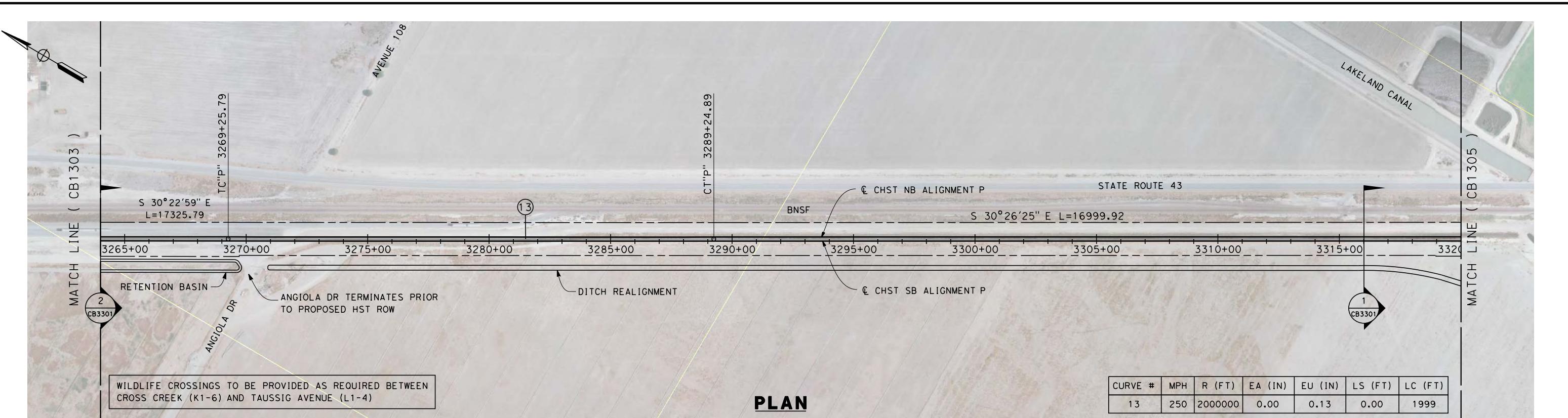


DESIGNED BY S. LITSAS				RECORD SET 15% DESIGN SUBMISSION			
DRAWN BY J. BORGHESI				NOT FOR CONSTRUCTION			
CHECKED BY K. SEYMORE							
IN CHARGE R. COFFIN							
DATE 12/31/13							
REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13	



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
PIXLEY SUBSECTION
ALIGNMENT P
STA. 3208+00 TO 3264+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1303
SCALE
AS SHOWN
SHEET NO.
4 OF 9



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	IN CHARGE R. CO
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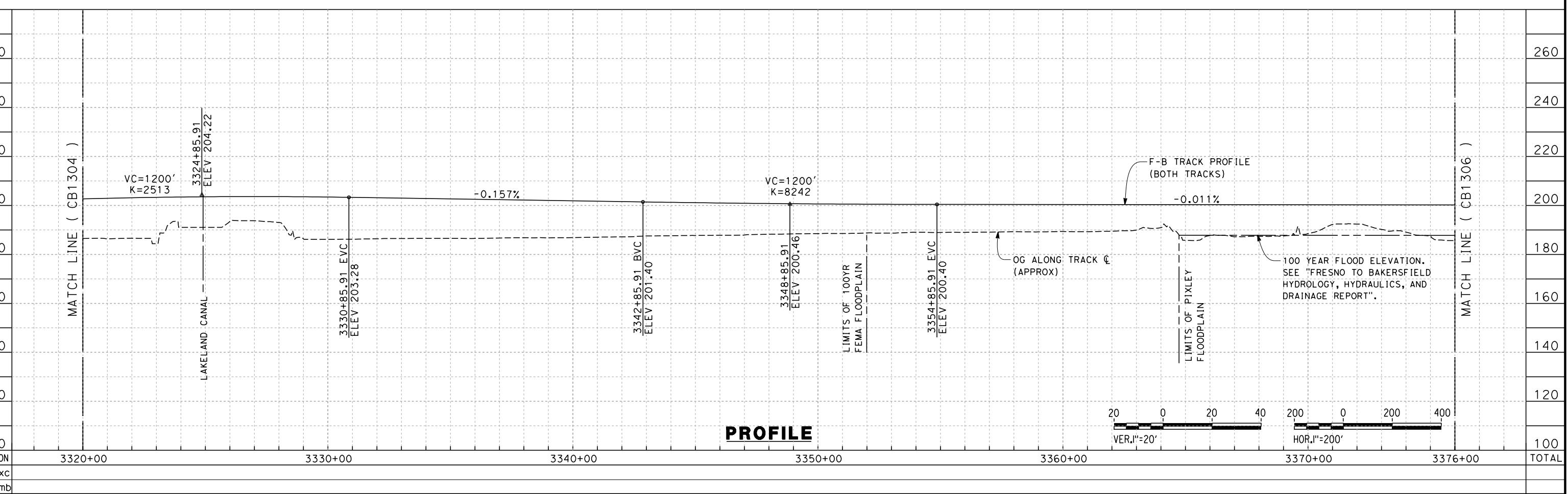
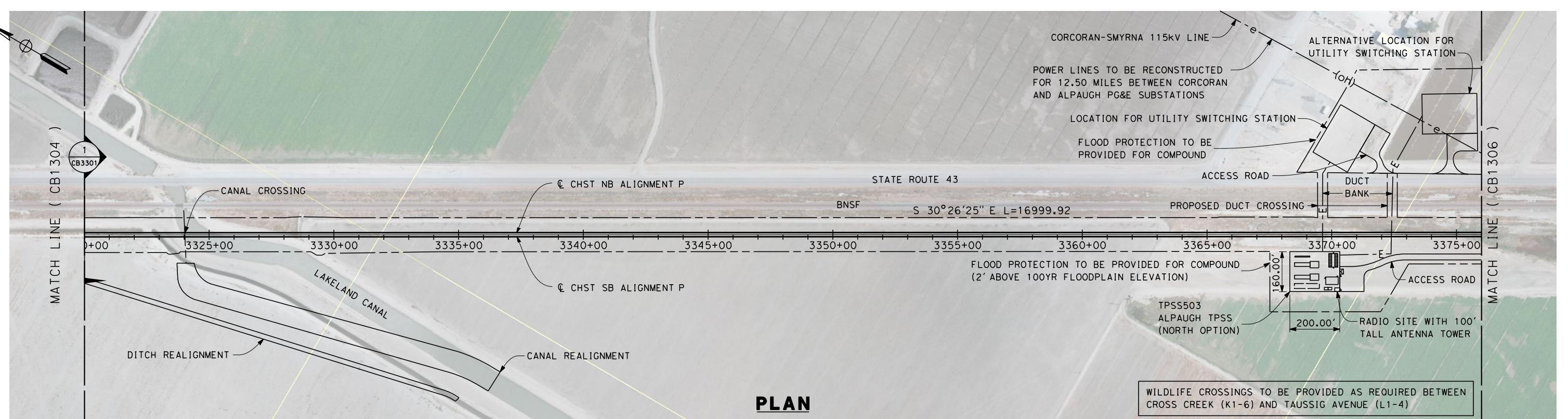
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	NOT FOR CONSTRUCTION
3	



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

**PIXLEY SUBSECTION
ALIGNMENT P
STA. 3264+00 TO 3320+00
PLAN AND PROFILE**

TRACT NO.
HSR 06-0003
AWING NO.
CB1304
ALE
AS SHOWN
ETT NO.
5 OF 9



REV	DATE	BY	CHK	APP	DESCRIPTION
					03/19/13

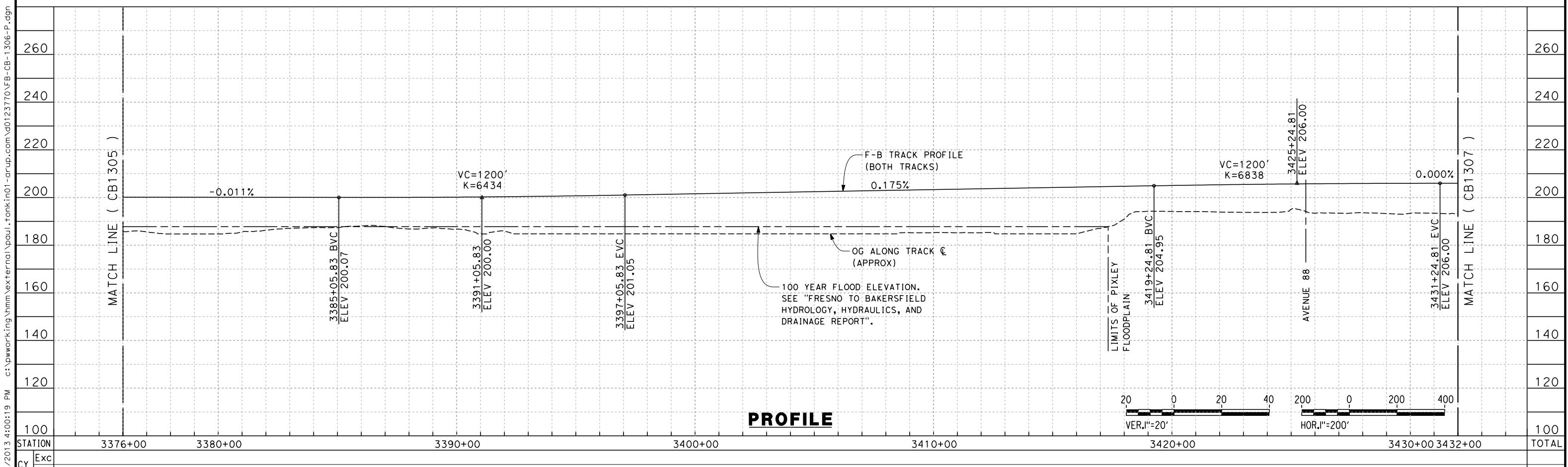
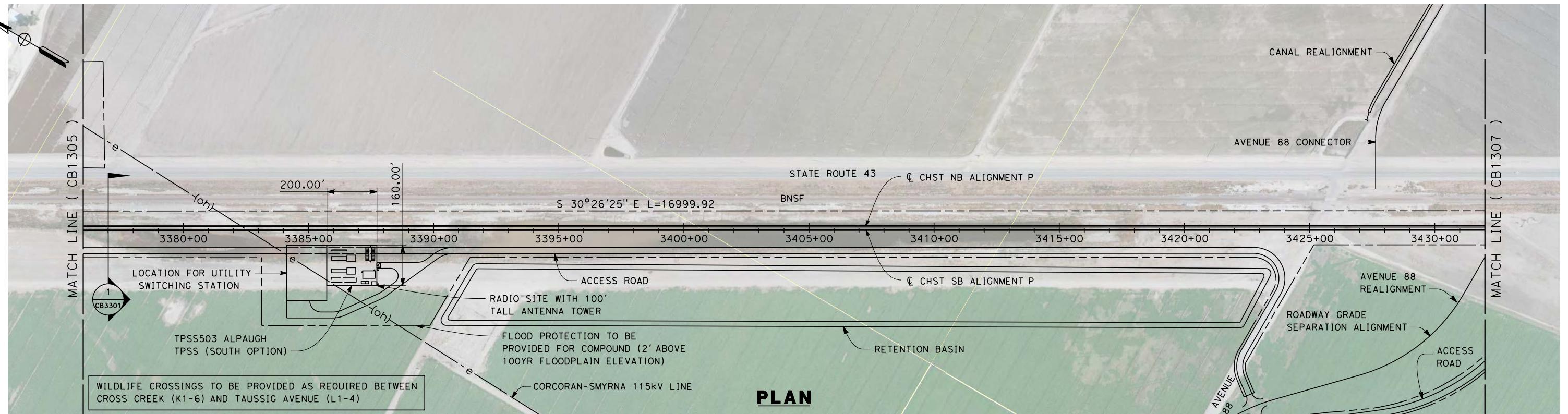
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
03/19/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
PIXLEY SUBSECTION
ALIGNMENT P
STA. 3320+00 TO 3376+00
PLAN AND PROFILE

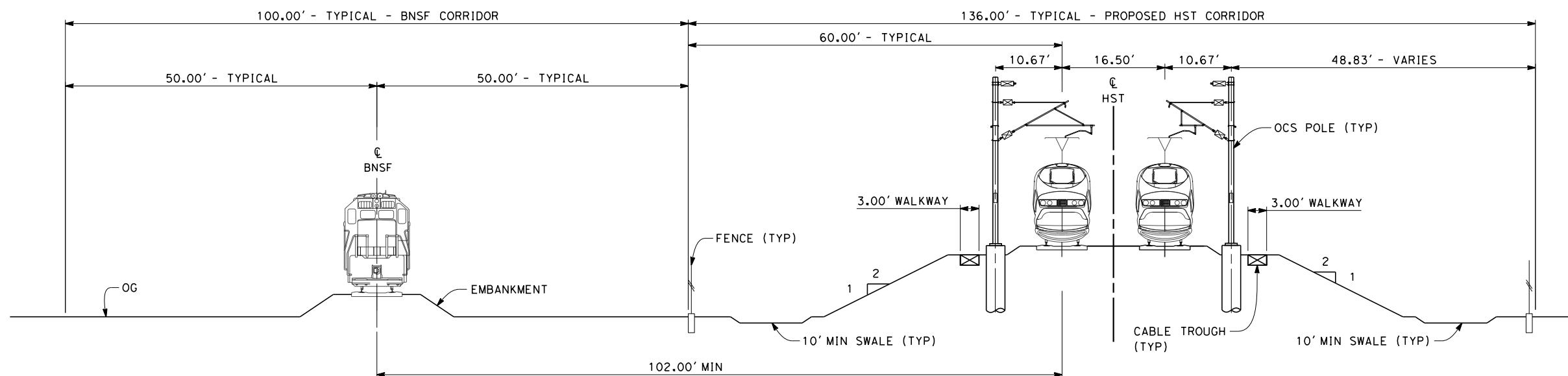
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1305
SCALE
AS SHOWN
SHEET NO.
6 OF 9



REV	DATE	BY	CHK	APP	DESCRIPTION	DESIGNED BY S. LITSAS	DRAWN BY J. BORGHESI	CHECKED BY K. SEYMOUR	IN CHARGE R. COFFIN	RECORD SET 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD PIXLEY SUBSECTION ALIGNMENT P STA. 3376+00 TO 3432+00 PLAN AND PROFILE	CONTRACT NO. HSR 06-0003	DRAWING NO. CB1306	SCALE AS SHOWN	SHEET NO. 7 OF 9

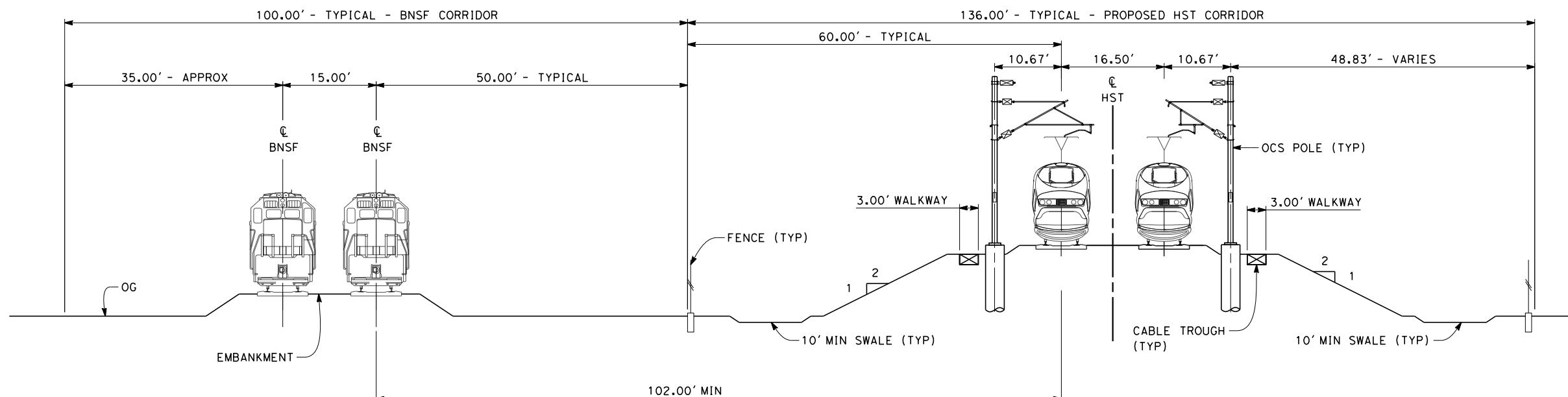
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- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE.
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS.



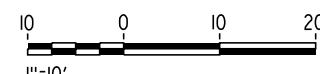
SECTION 1

TWIN TRACK - ADJACENT TO SINGLE TRACK BNSF
 STA 3096+00 THROUGH STA 3216+00
 STA 3316+00 THROUGH STA 3459+25



SECTION 2

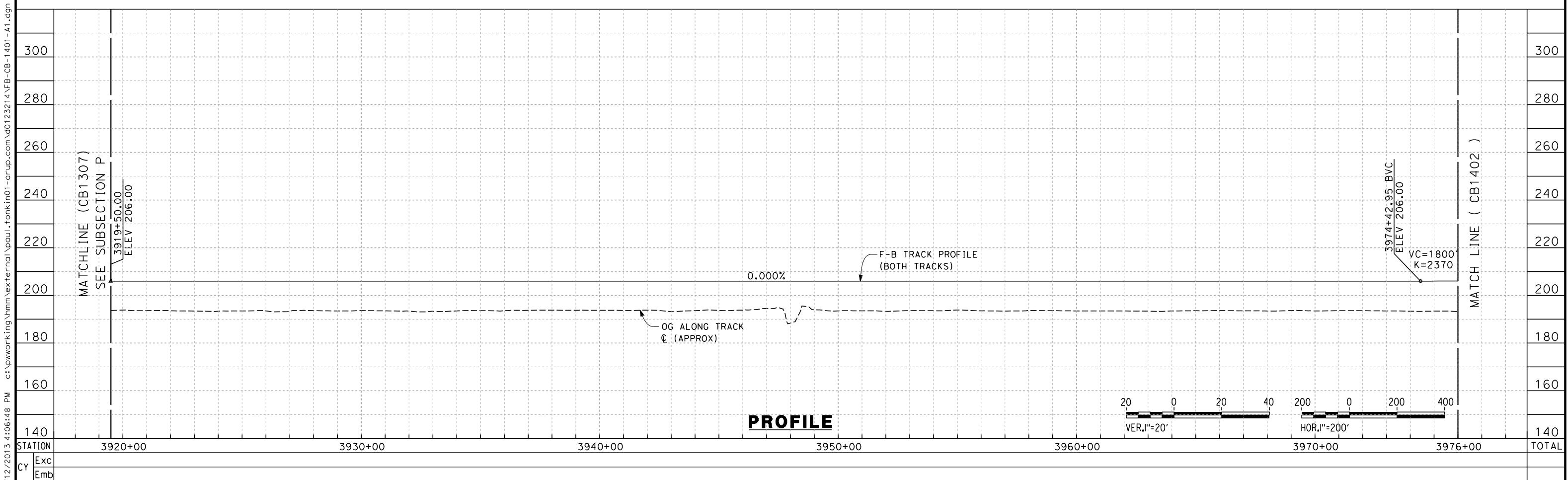
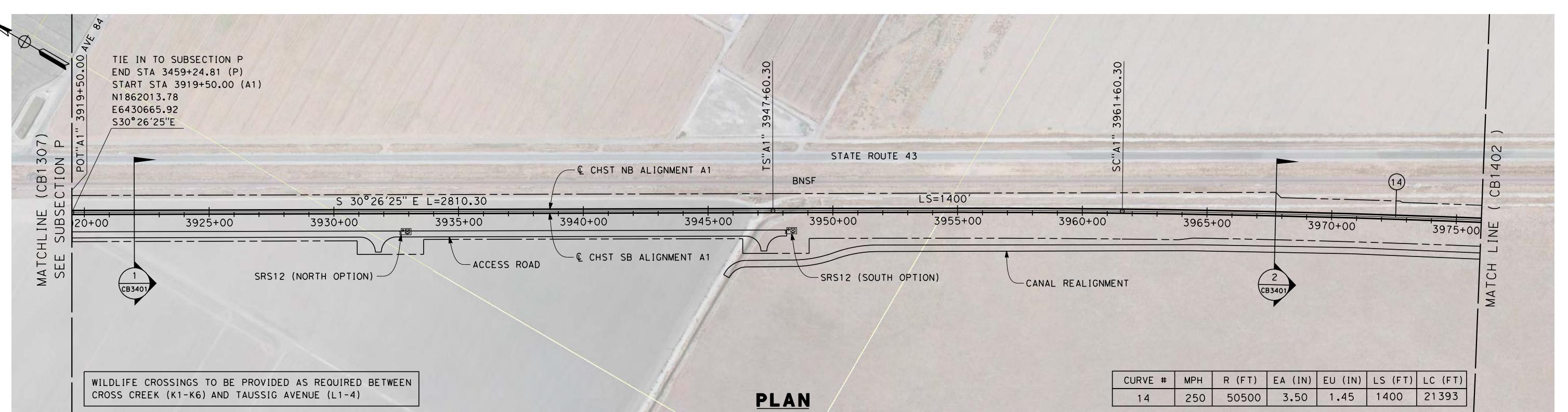
TWIN TRACK - ADJACENT TO TWIN TRACK BNSF
 STA 3216+00 THROUGH STA 3316+00

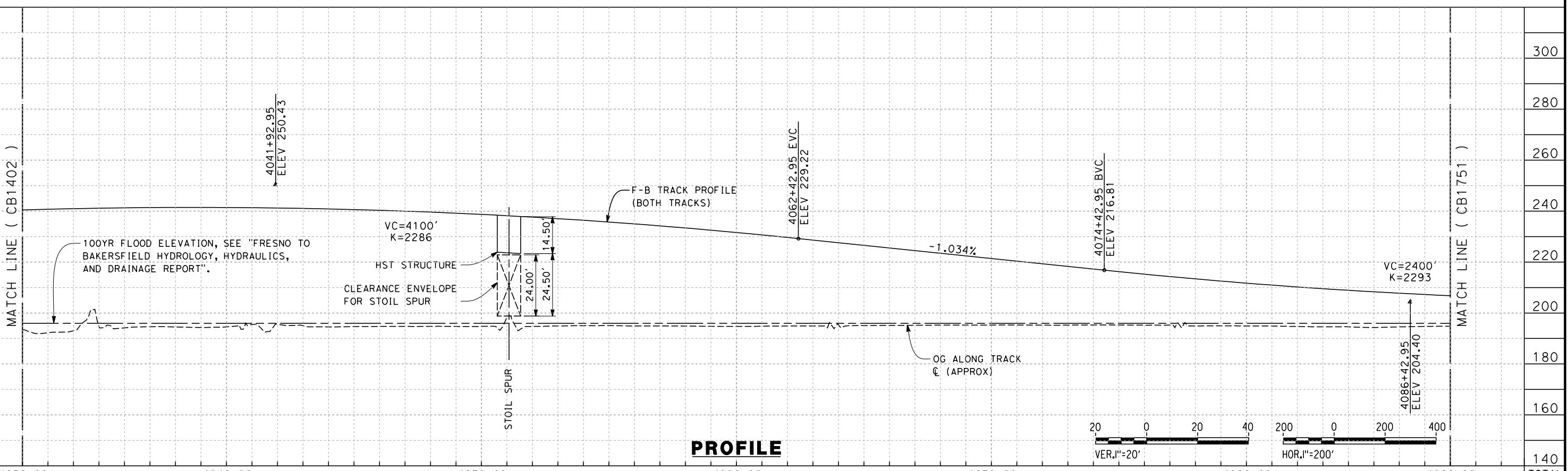
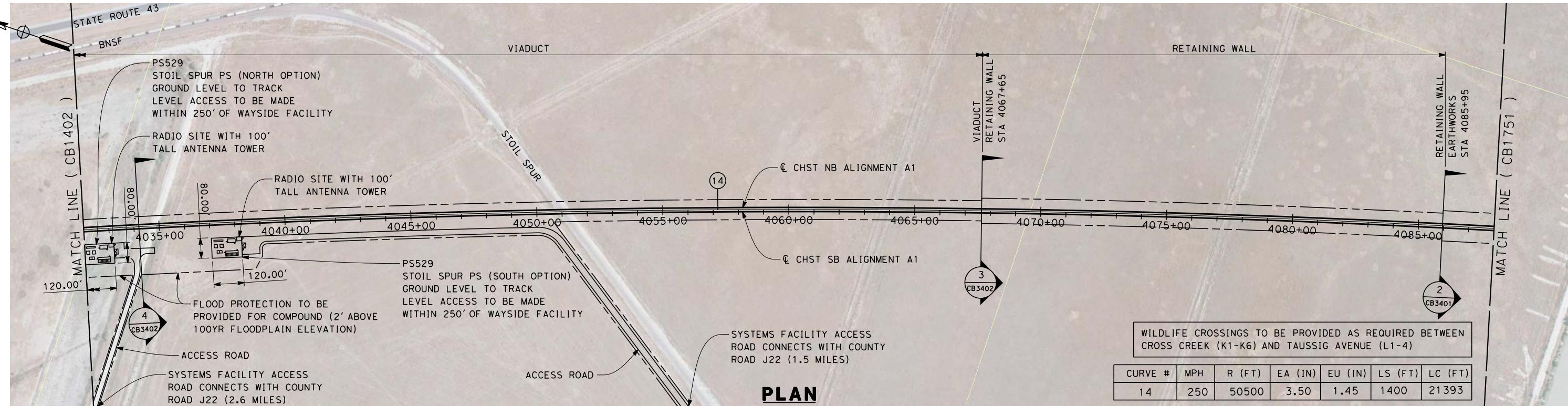


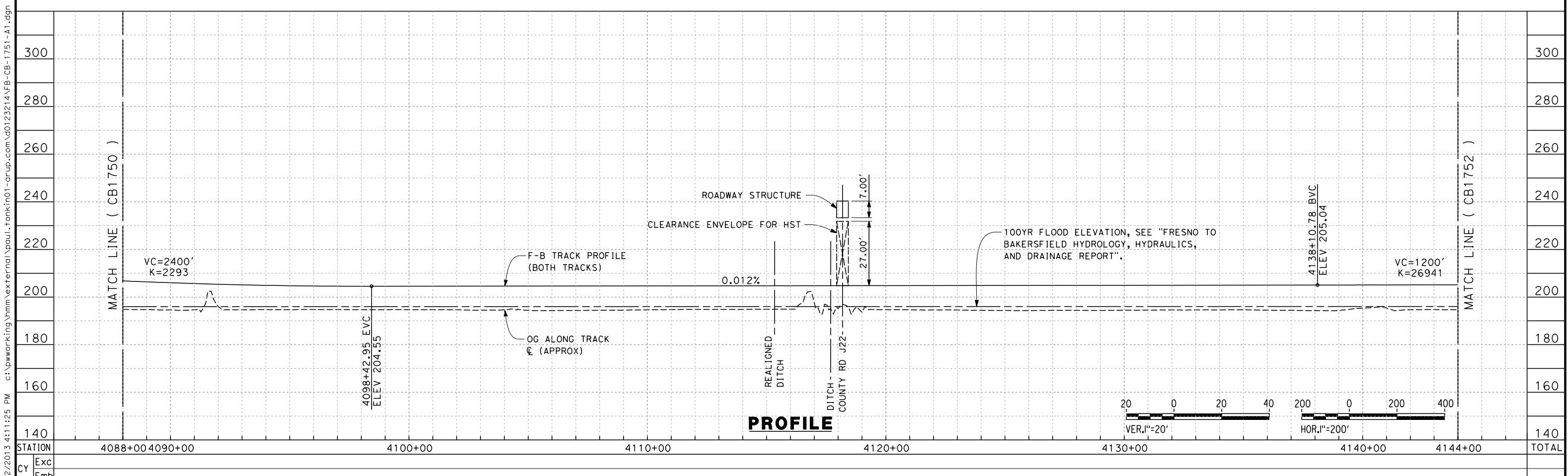
				DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD PIXLEY SUBSECTION ALIGNMENT P TYPICAL SECTION	CONTRACT NO. HSR 06-0003
				DRAWN BY J. BORGHESI	-				DRAWING NO. CB3301
				CHECKED BY K. SEYMORE	NOT FOR CONSTRUCTION				SCALE AS SHOWN
				IN CHARGE R. COFFIN					SHEET NO. 9 OF 9
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE	12/31/13		

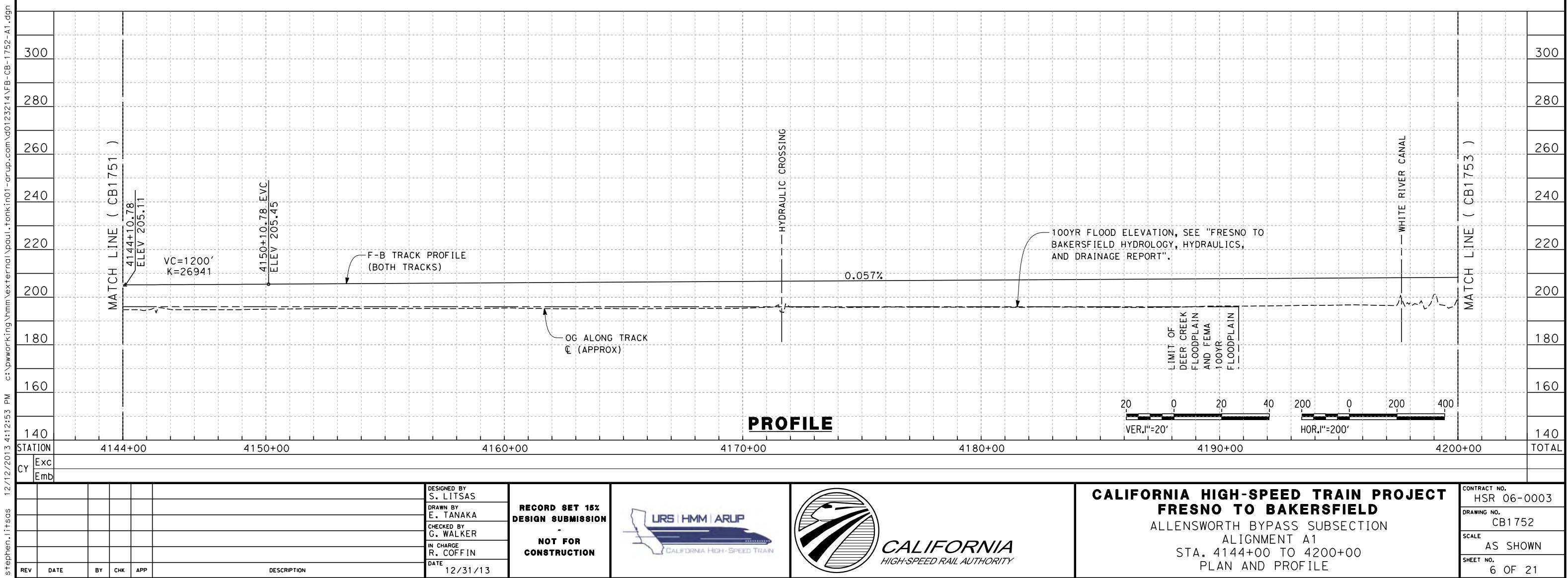
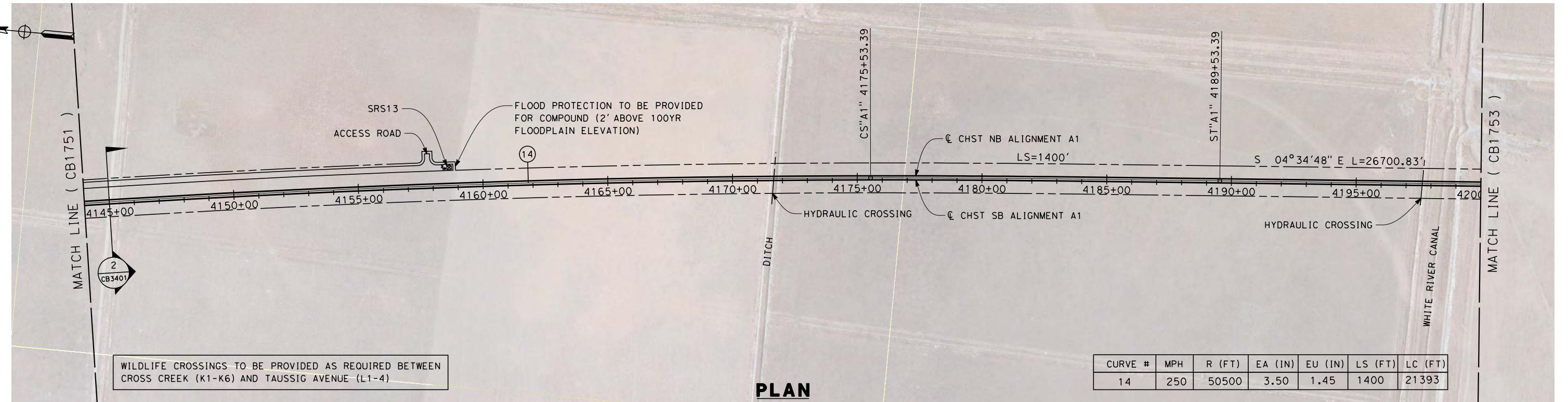


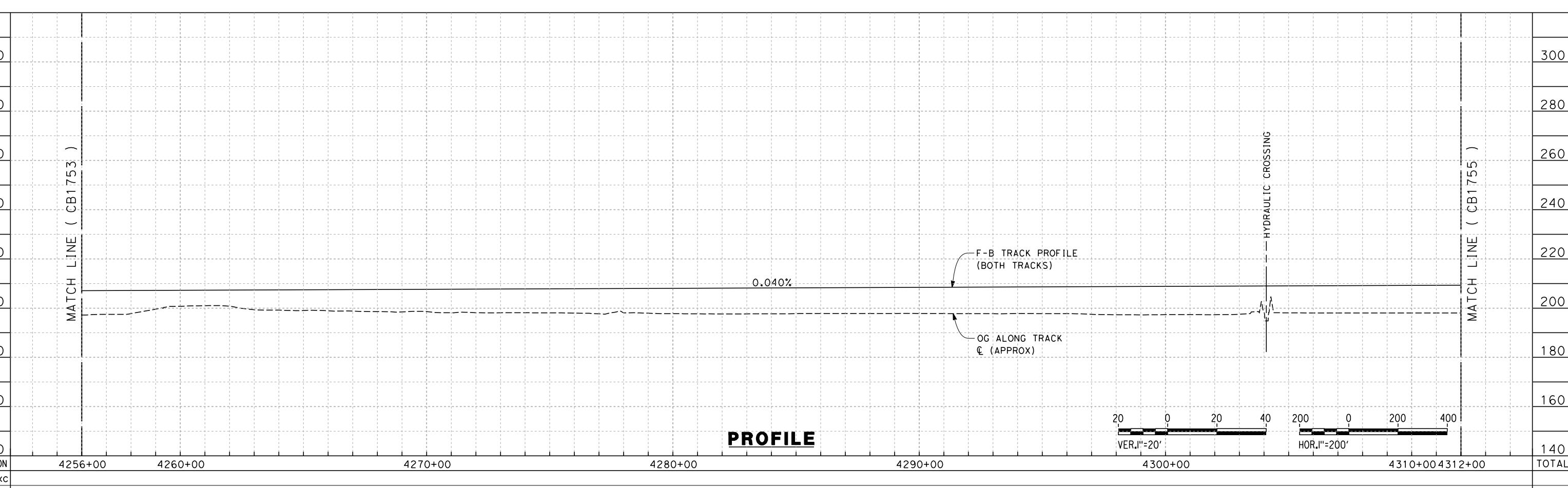
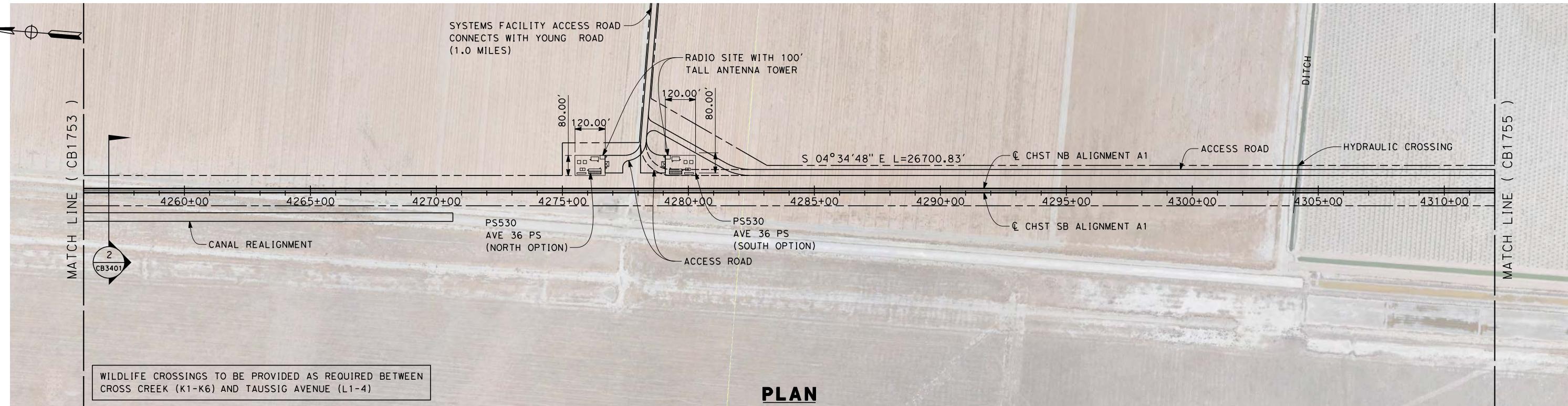
DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ALLENSWORTH BYPASS SUBSECTION ALIGNMENT A1 STA. 3919+50 TO 4925+51 KEY MAP	CONTRACT NO. HSR 06-0003
DRAWN BY E. TANAKA	-	CALIFORNIA HIGH-SPEED TRAIN		DRAWING NO. CB1400
CHECKED BY G. WALKER	NOT FOR CONSTRUCTION			SCALE AS SHOWN
IN CHARGE R. COFFIN				SHEET NO. 1 OF 21
DATE 12/31/13				
REV	DATE	BY	CHK	APP
DESCRIPTION				











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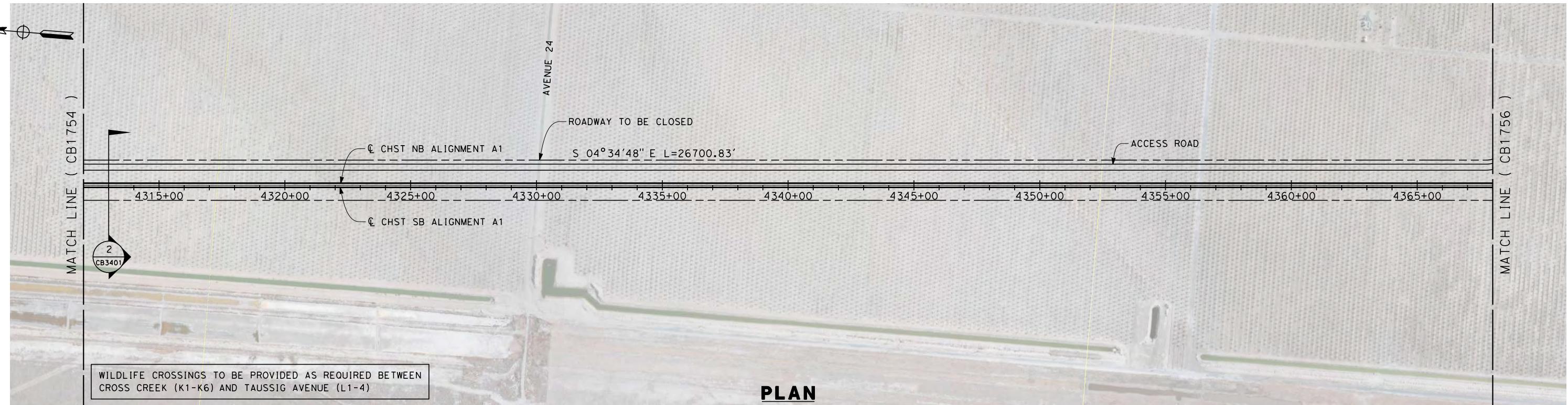
DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION					
DRAWN BY E. TANAKA	-					
CHECKED BY G. WALKER	-					
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION					
DATE 12/31/13						
REV	DATE	BY	CHK	APP	DESCRIPTION	

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

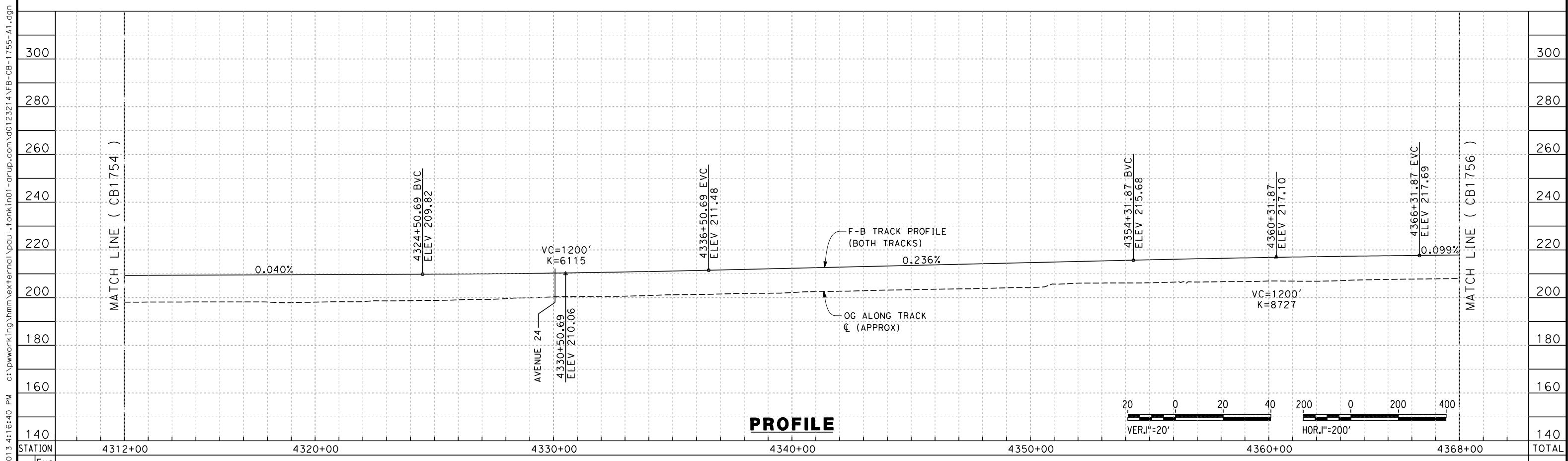


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
ALLENSWORTH BYPASS SUBSECTION
ALIGNMENT A1
STA. 4256+00 TO 4312+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1754
SCALE
AS SHOWN
SHEET NO.
8 OF 21



PLAN



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DESIGNED
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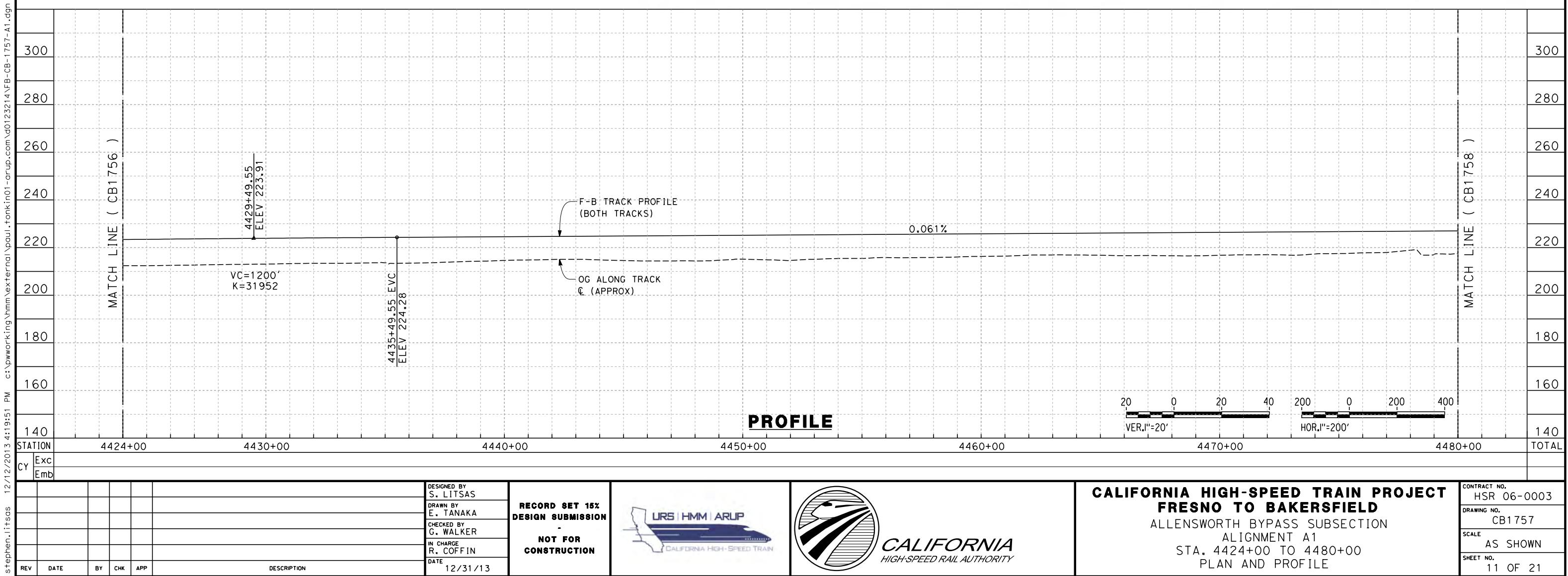
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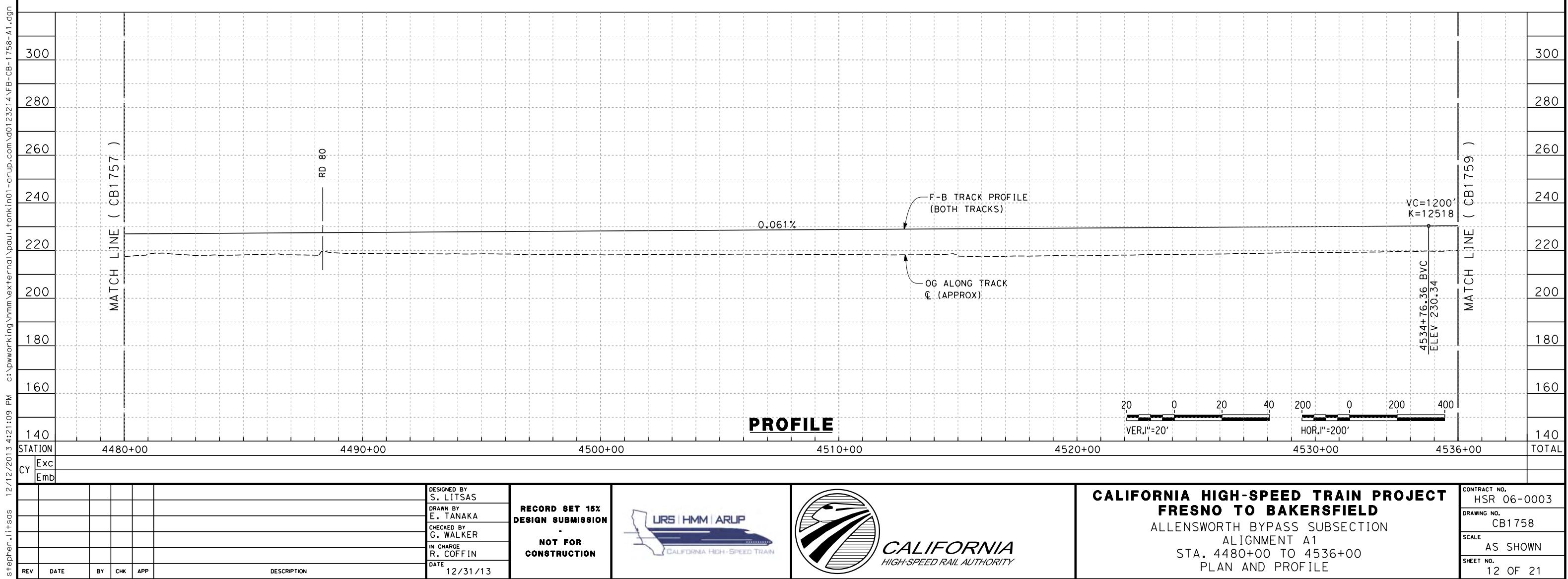
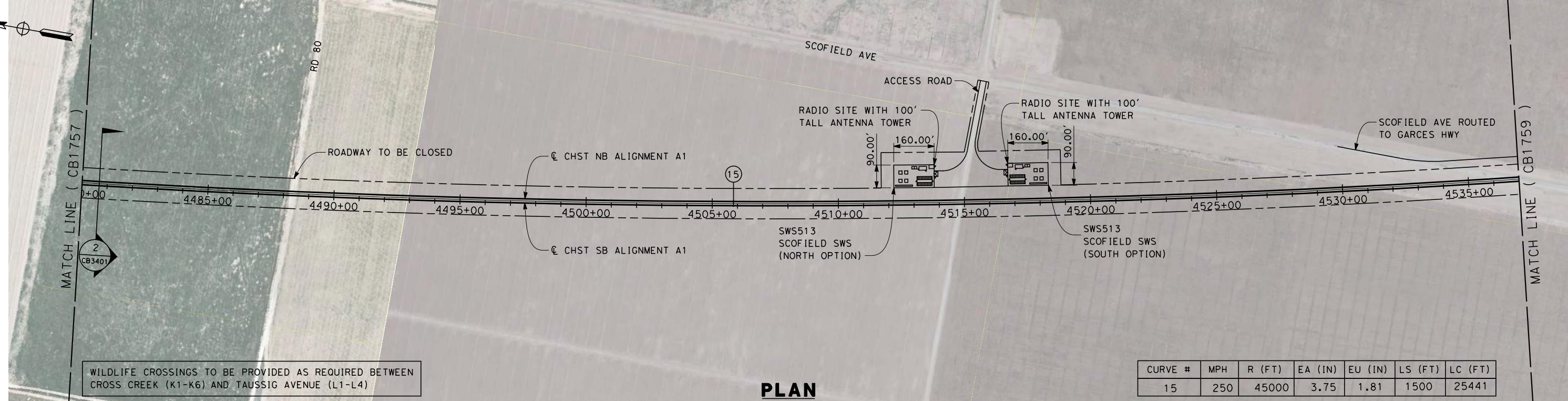
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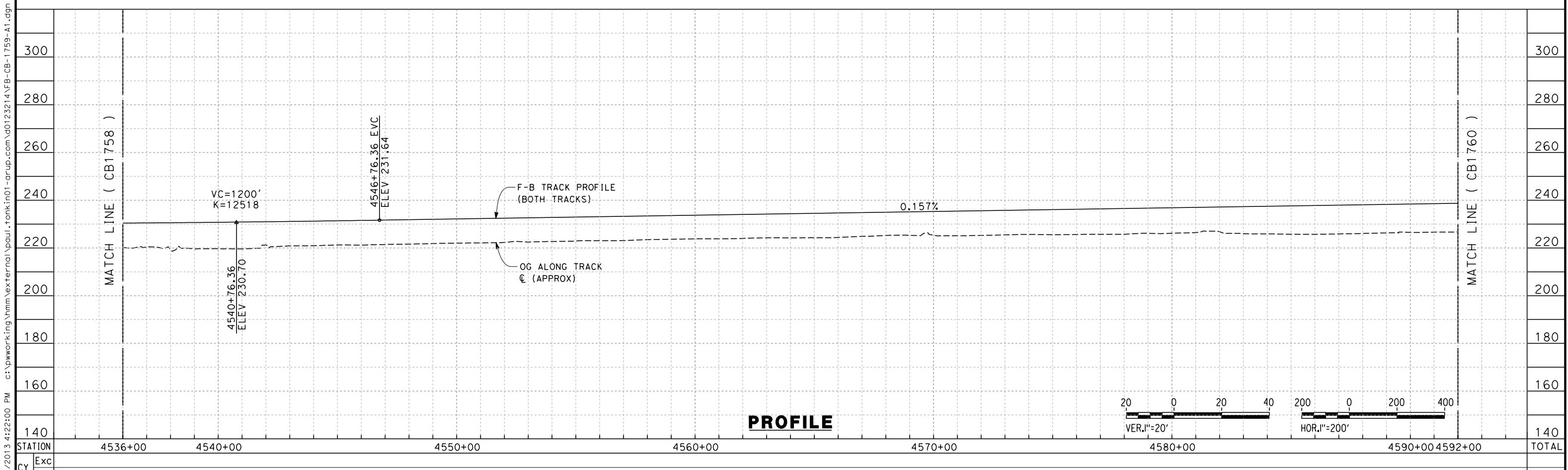
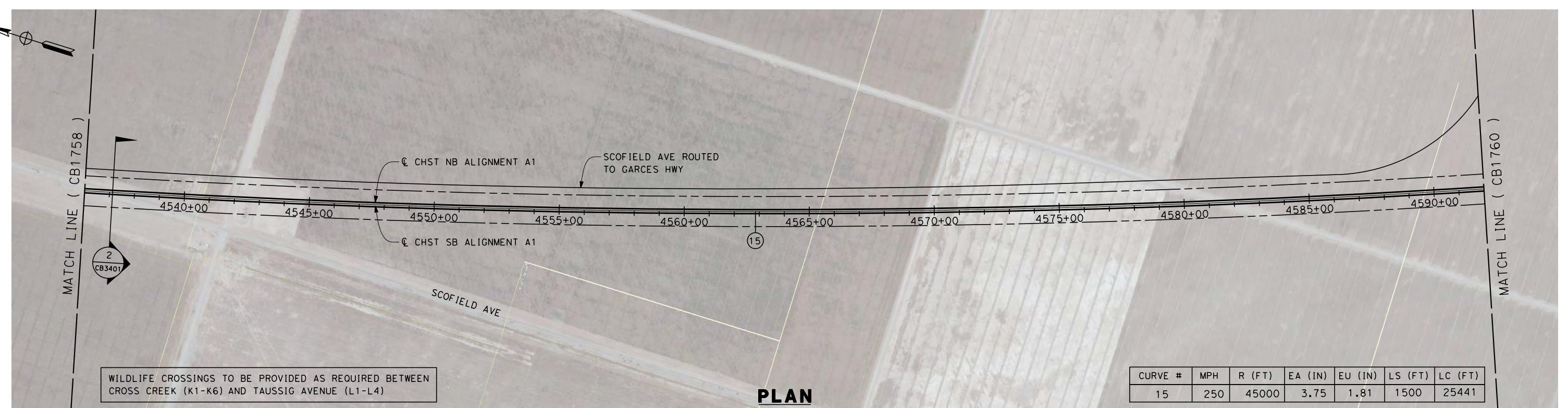


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
ALLENSWORTH BYPASS SUBSECTION
ALIGNMENT A1
STA. 4312+00 TO 4368+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1755
SCALE
AS SHOWN
SHEET NO.
9 OF 21







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DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP
DRAWN BY E. TANAKA	-	CALIFORNIA HIGH-SPEED TRAIN
CHECKED BY G. WALKER	NOT FOR CONSTRUCTION	CALIFORNIA HIGH-SPEED RAIL AUTHORITY
IN CHARGE R. COFFIN		
DATE 12/31/13		

REV

DATE

BY

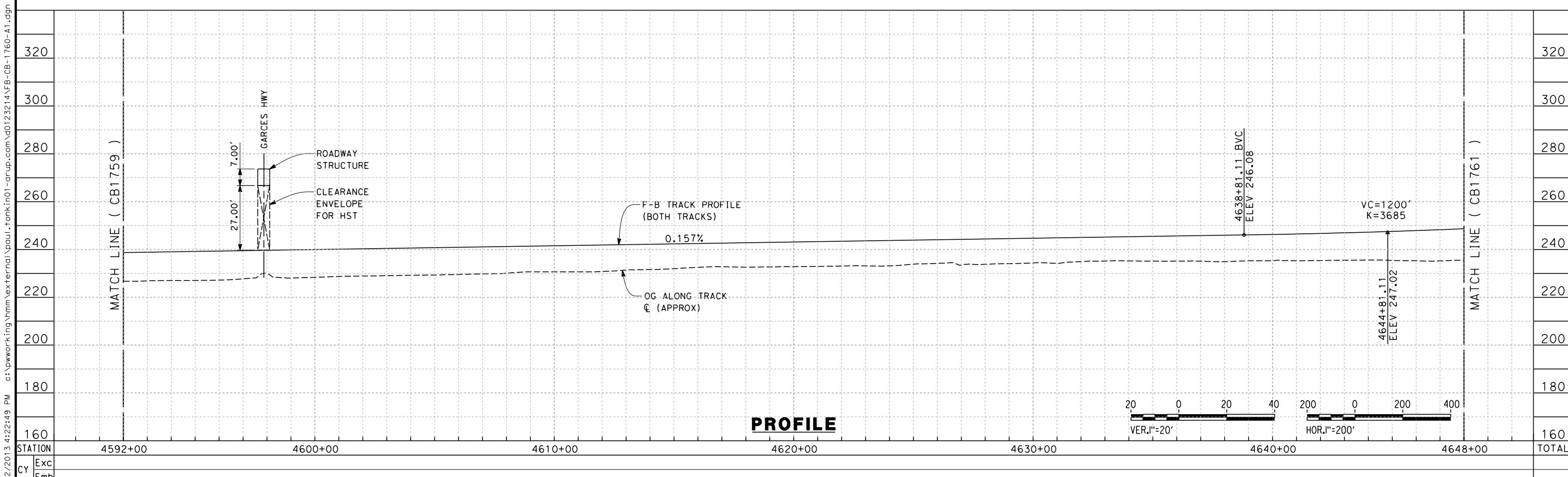
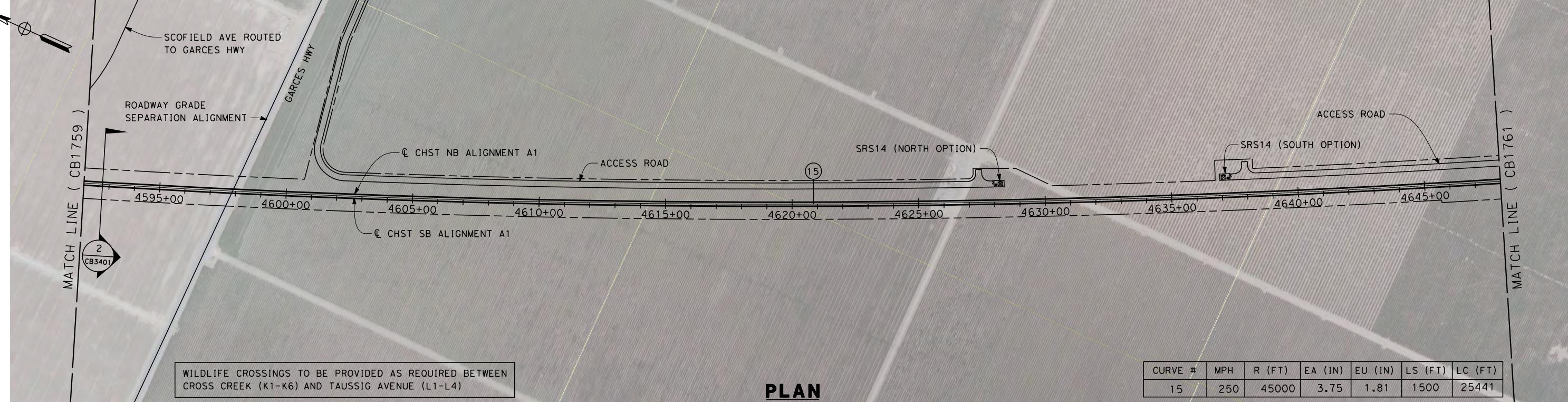
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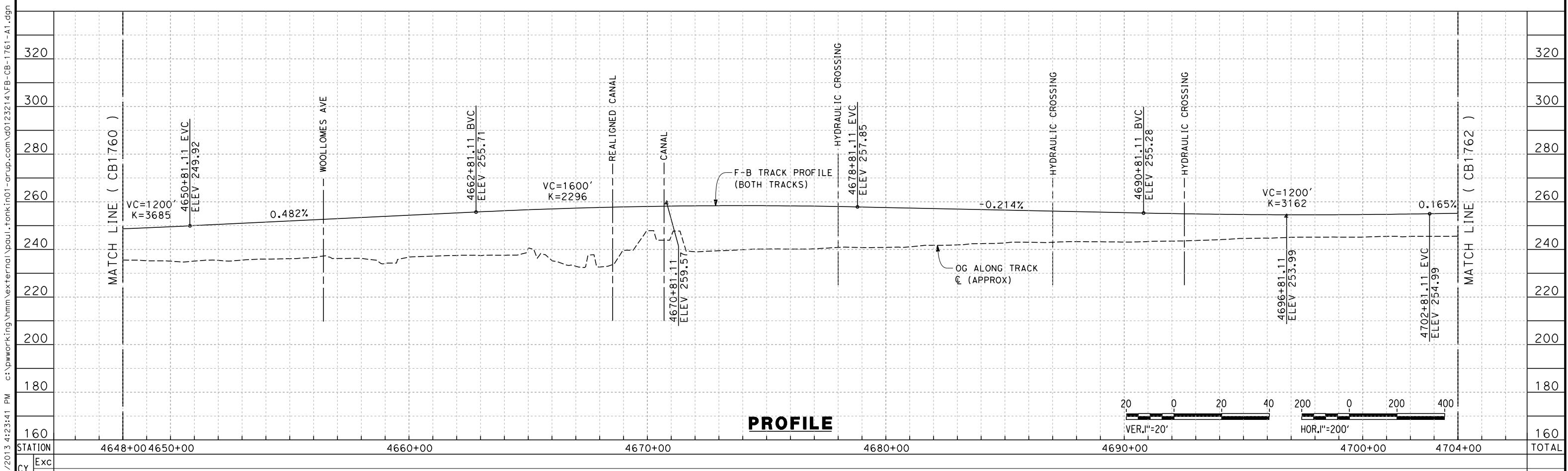
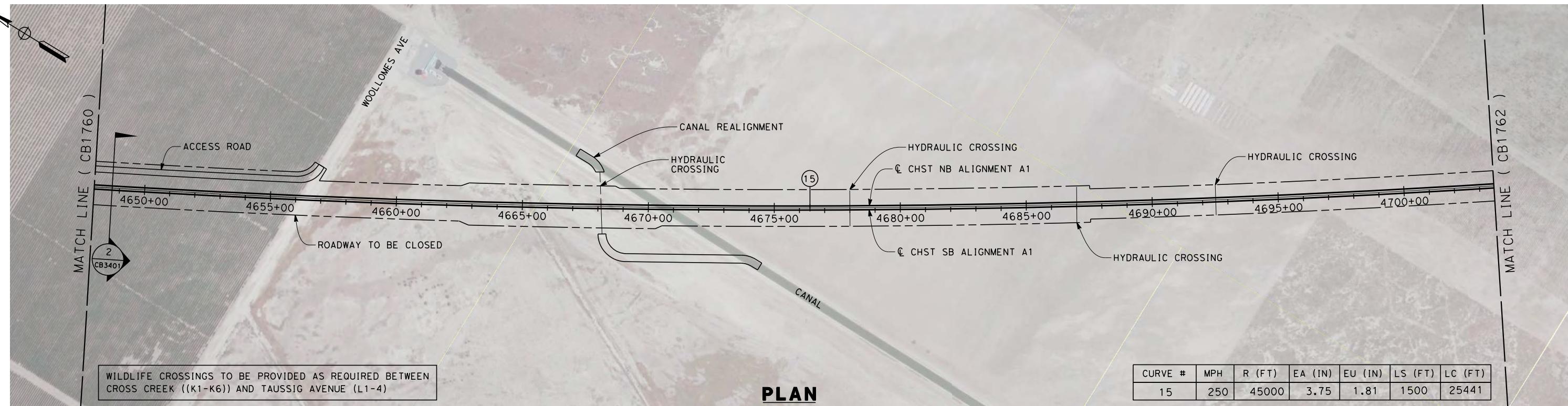
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DESCRIPTION

CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
ALLENSWORTH BYPASS SUBSECTION
ALIGNMENT A1
STA. 4536+00 TO 4592+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1759
SCALE
AS SHOWN
SHEET NO.
13 OF 21





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REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13
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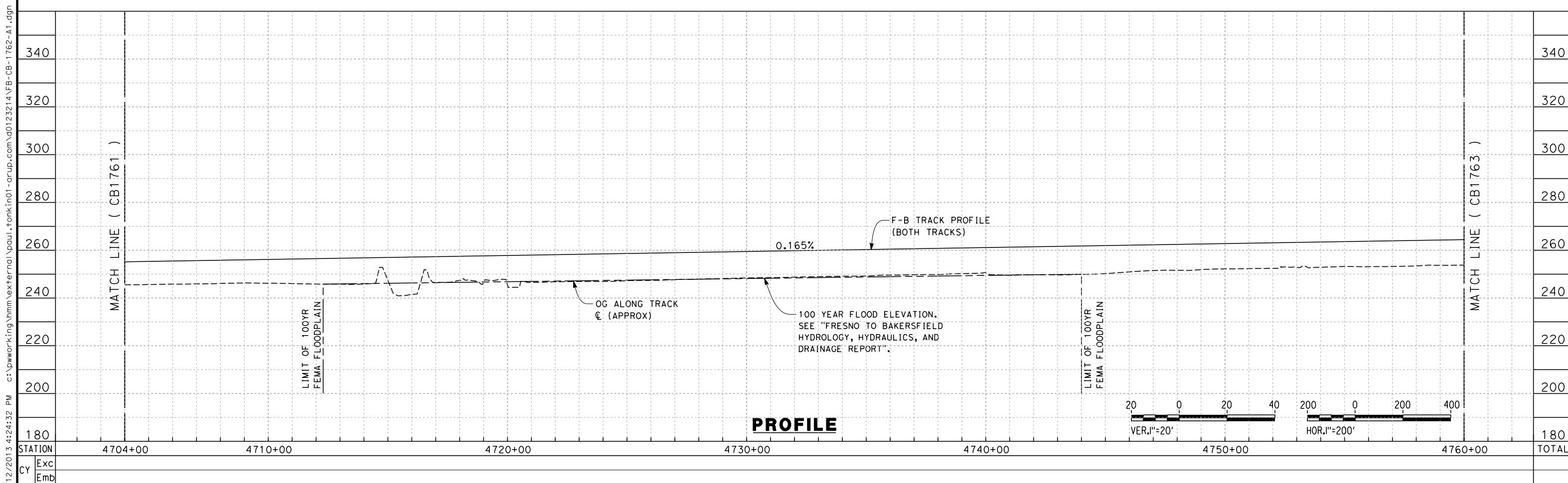
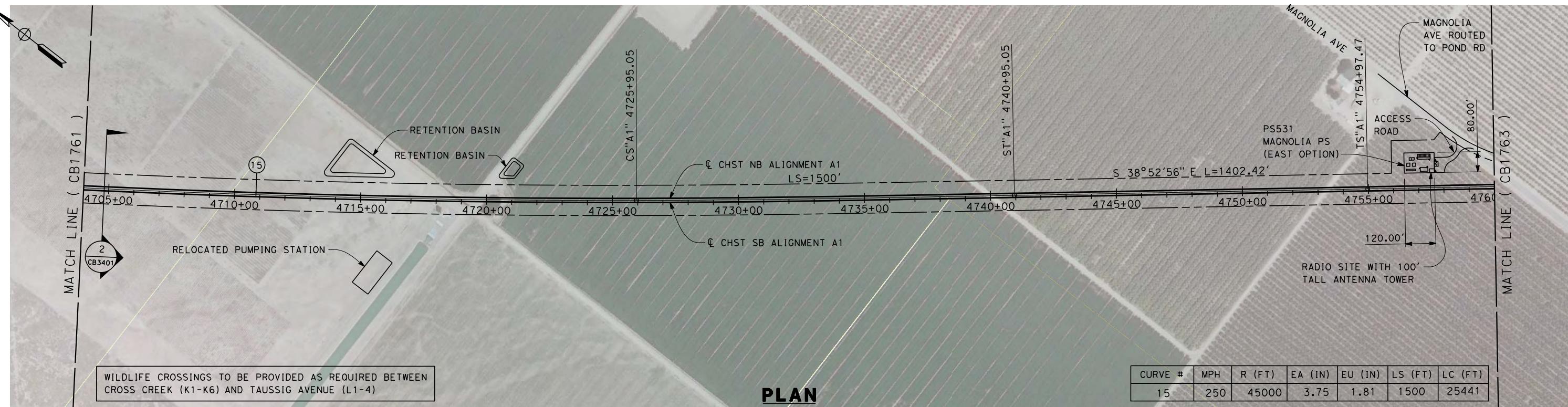
DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. WALKER
IN CHARGE
R. COFFIN
DATE

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
ALLENSWORTH BYPASS SUBSECTION
ALIGNMENT A1
STA. 4648+00 TO 4704+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1761
SCALE
AS SHOWN
SHEET NO.
15 OF 21



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DESIGNED BY S. LITSAS	RECORD SET 15%
DRAWN BY E. TANAKA	DESIGN SUBMISSION
CHECKED BY G. WALKER	-
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION
DATE 12/31/13	URS HMM ARUP

REV

DATE

BY

CHK

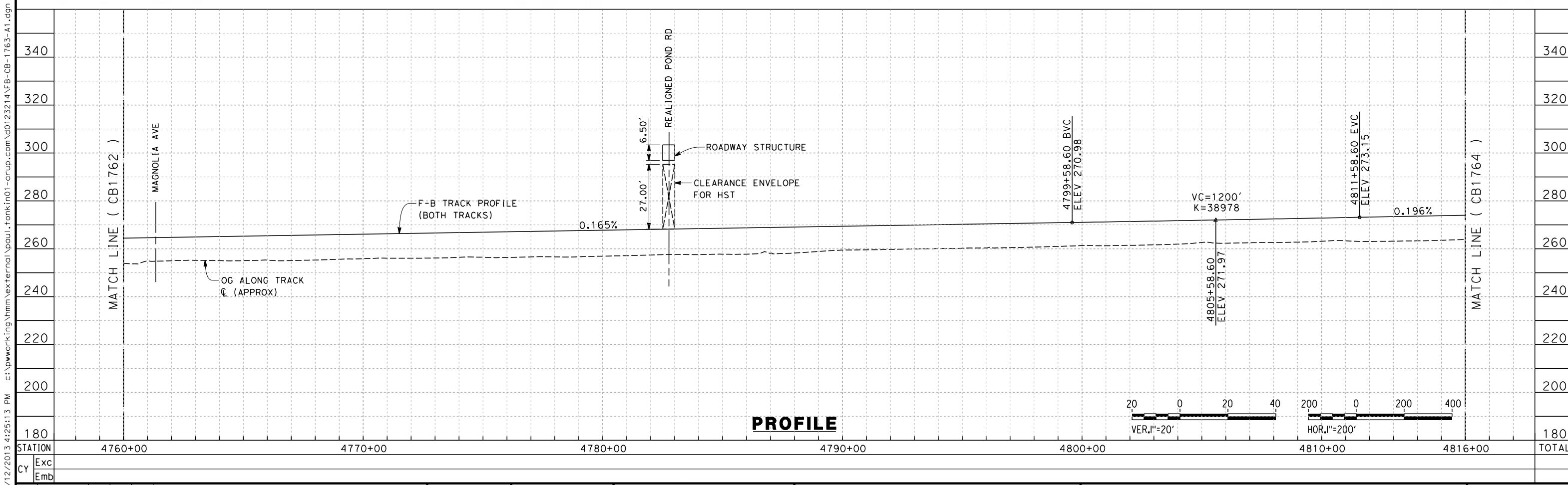
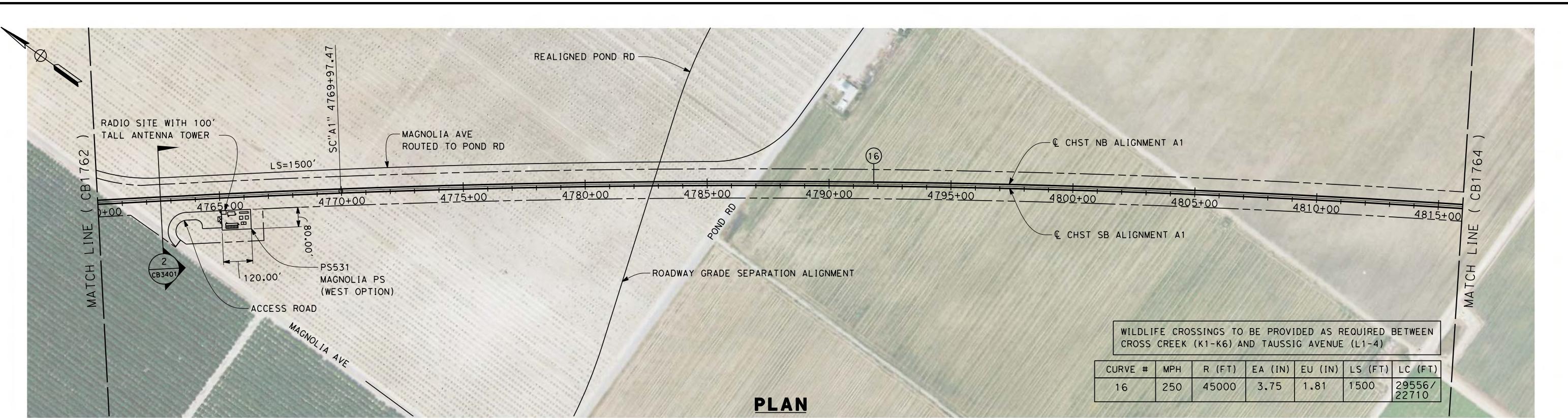
APP

DESCRIPTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
ALLENSWORTH BYPASS SUBSECTION
ALIGNMENT A1
STA. 4704+00 TO 4760+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1762
SCALE
AS SHOWN
SHEET NO.
16 OF 21



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REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13
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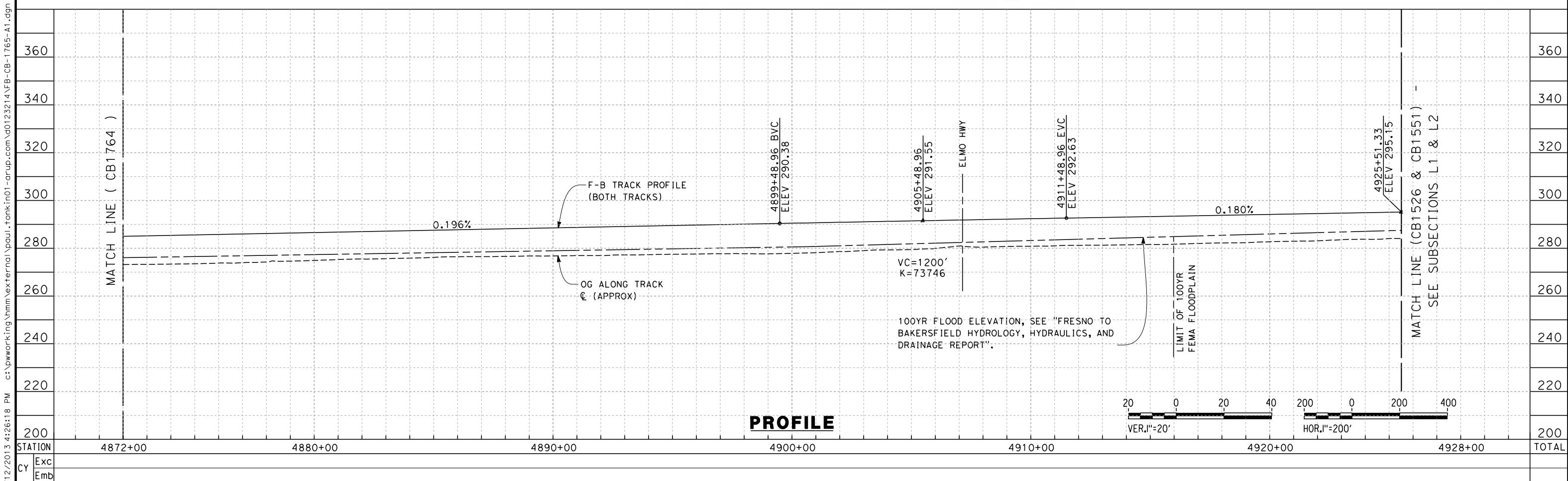
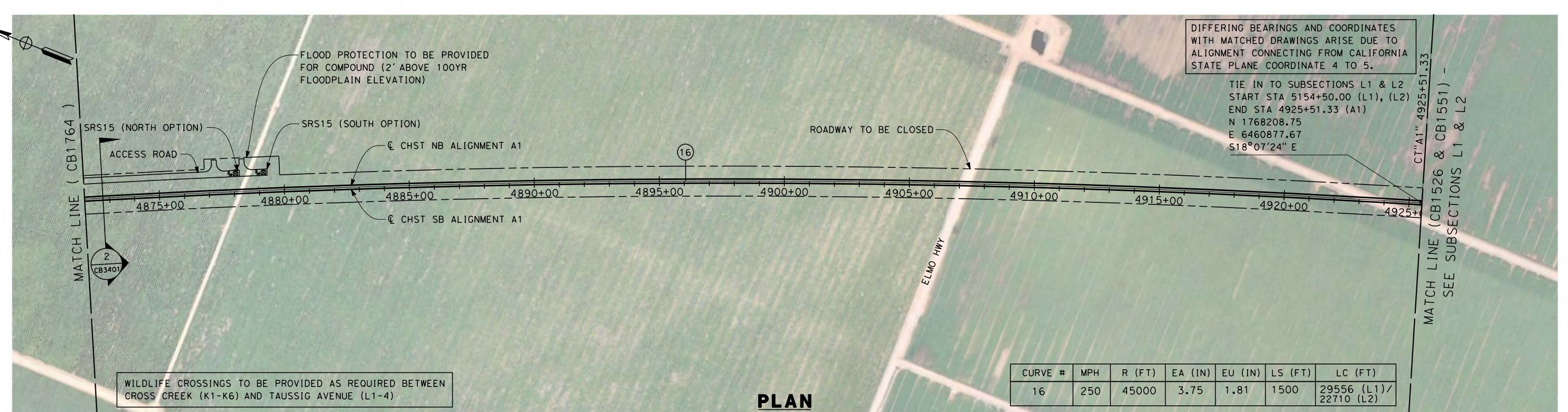
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S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. WALKER
IN CHARGE
R. COFFIN
DATE

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

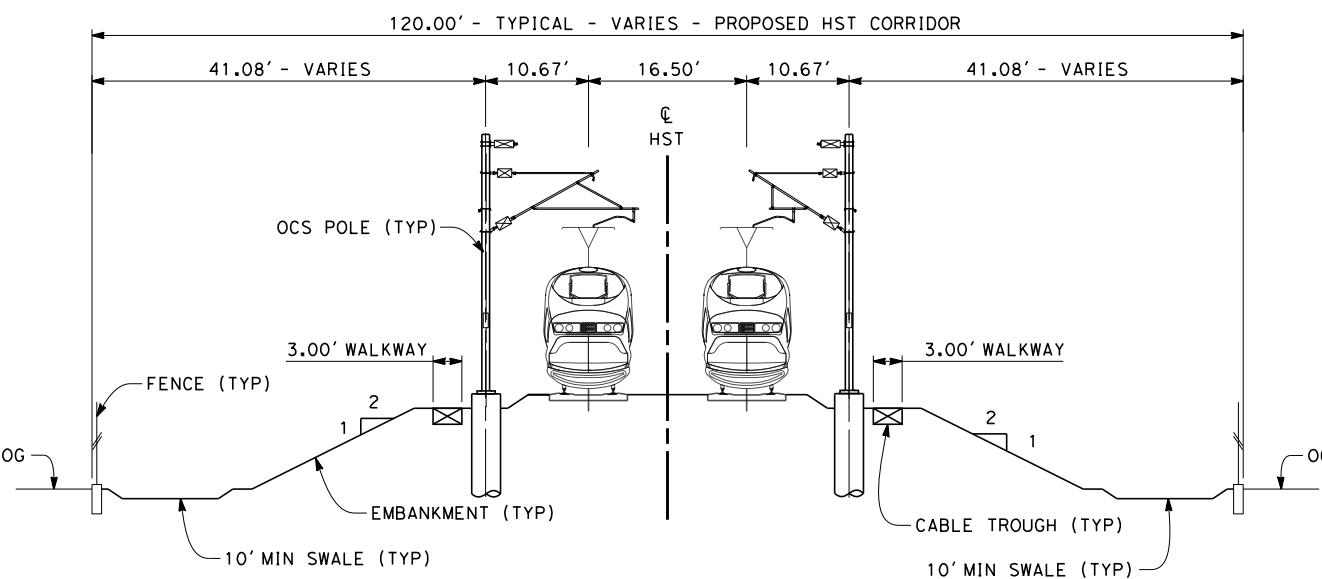
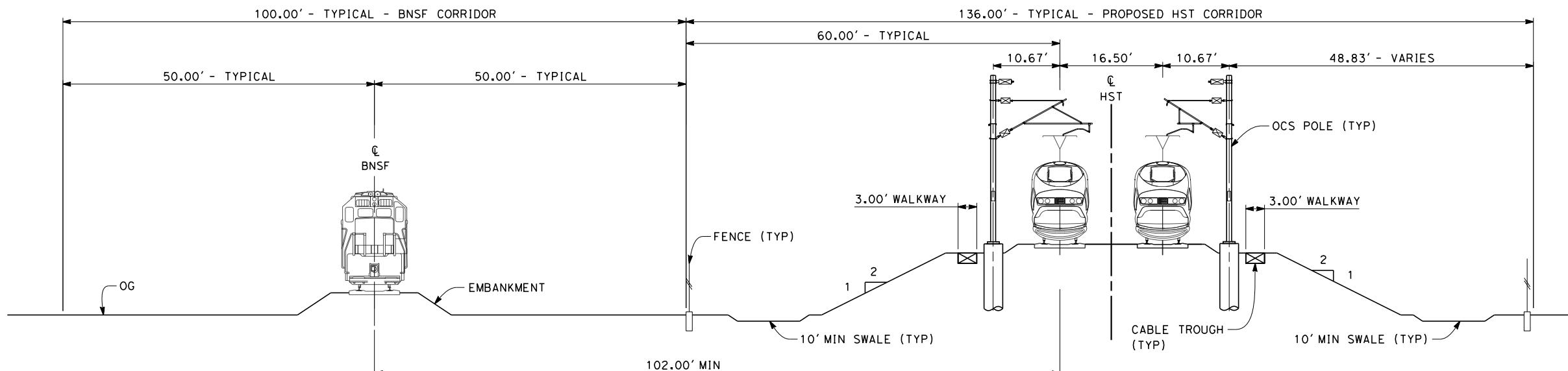


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
ALLENSWORTH BYPASS SUBSECTION
ALIGNMENT A1
STA. 4760+00 TO 4816+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1763
SCALE
AS SHOWN
SHEET NO.
17 OF 21



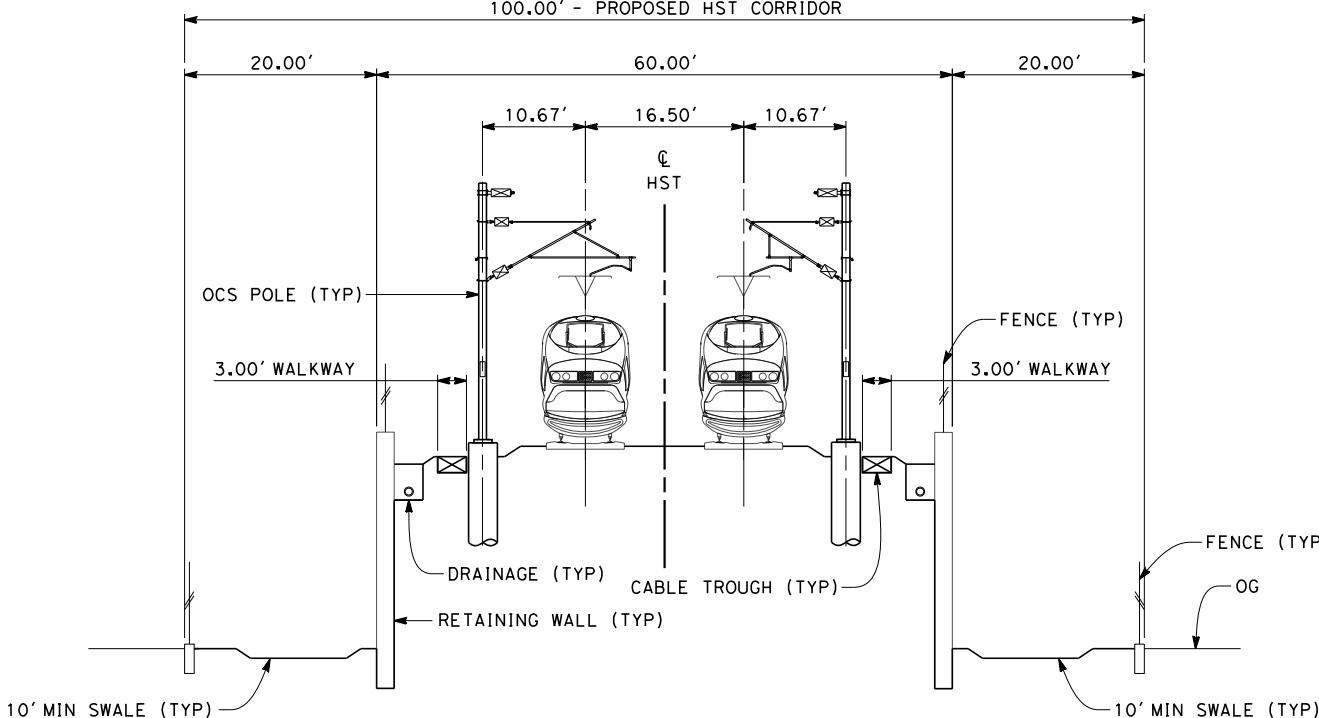
- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.



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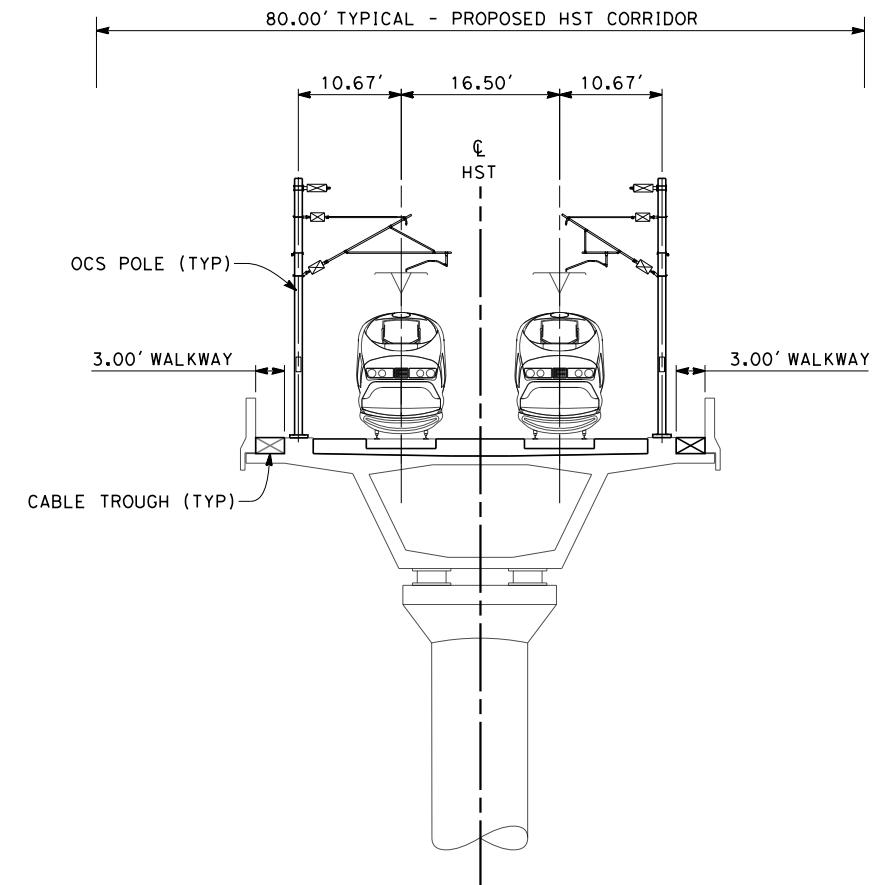
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DRAWN BY E. TANAKA					DRAWING NO. CB3401
CHECKED BY G. WALKER					SCALE AS SHOWN
IN CHARGE R. COFFIN					SHEET NO. 20 OF 21
DATE 12/31/13					
REV	DATE	BY	CHK	APP	DESCRIPTION

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.



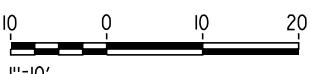
SECTION 3

TWIN TRACK - RETAINED EMBANKMENT
STA 3982+20 THROUGH STA 4005+25
STA 4067+65 THROUGH STA 4085+95



SECTION 4

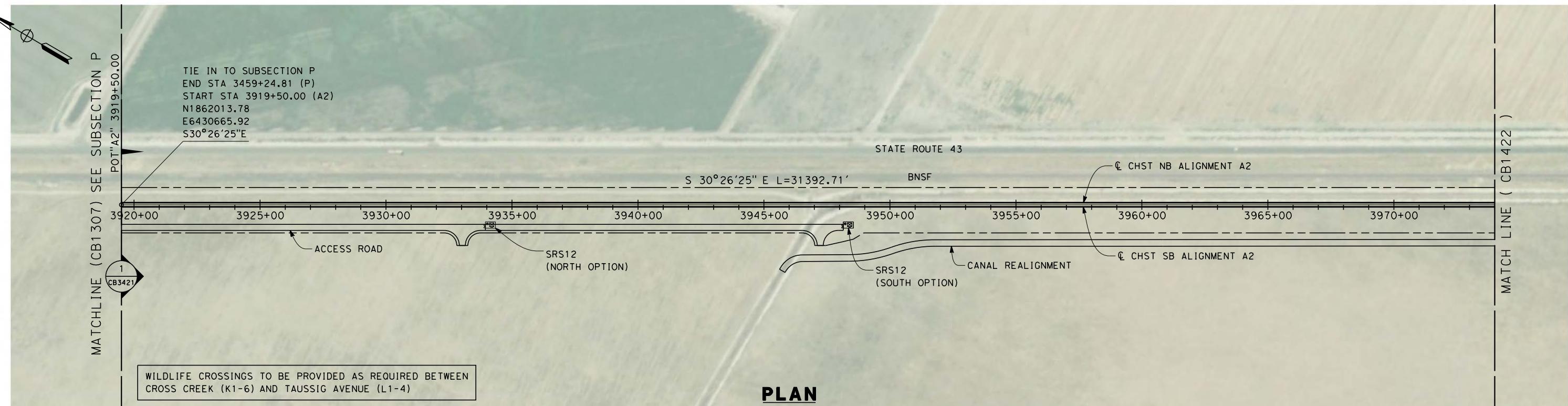
TWIN TRACK - AERIAL VIADUCT
STA 4005+25 THROUGH STA 4067+65



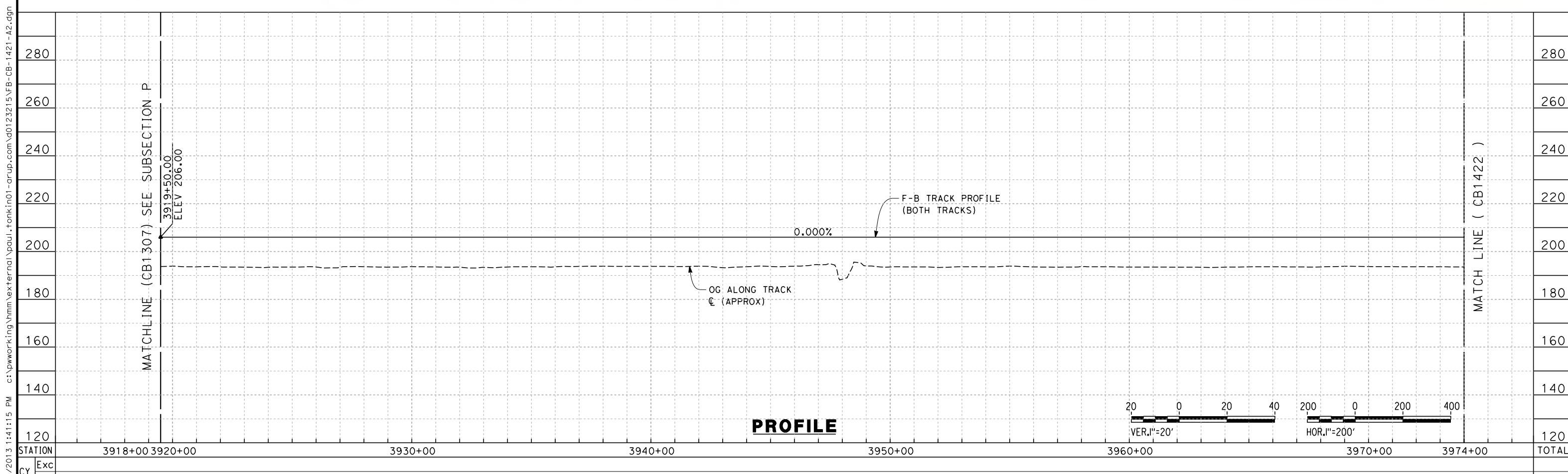
DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ALLENSWORTH BYPASS SUBSECTION ALIGNMENT A1 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY E. TANAKA	-	CALIFORNIA HIGH-SPEED TRAIN		DRAWING NO. CB3402
CHECKED BY G. WALKER	NOT FOR CONSTRUCTION			SCALE AS SHOWN
IN CHARGE R. COFFIN	DATE 12/31/13			SHEET NO. 21 OF 21



DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD THROUGH ALLENSWORTH SUBSECTION ALIGNMENT A2 STA. 3919+50 TO 4924+27 KEY MAP	CONTRACT NO. HSR 06-0003
DRAWN BY E. TANAKA	-	CALIFORNIA HIGH-SPEED TRAIN		DRAWING NO. CB1420
CHECKED BY G. MEJIA	NOT FOR CONSTRUCTION			SCALE AS SHOWN
IN CHARGE R. COFFIN				SHEET NO. 1 OF 22
DATE 12/31/13				
REV	DATE	BY	CHK	APP
DESCRIPTION				



PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

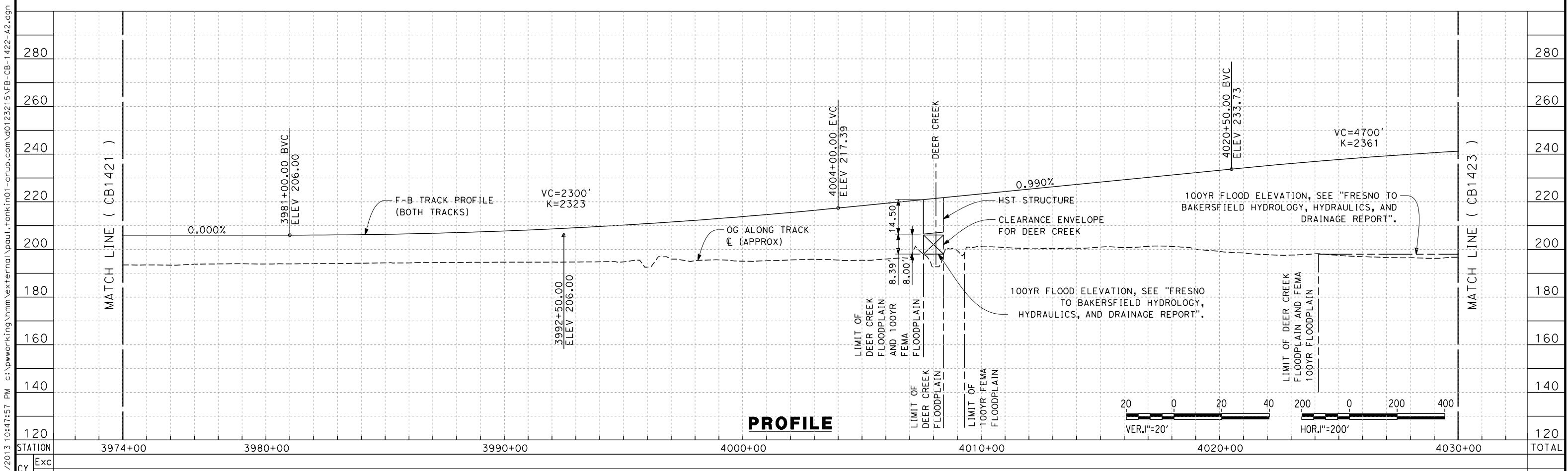
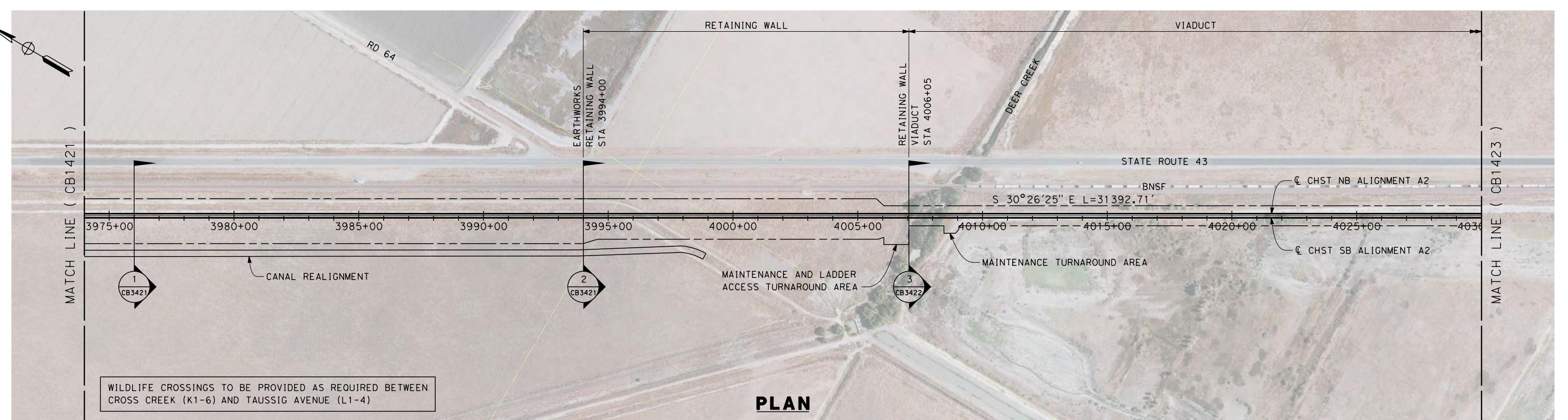
DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. MEJIA
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 3919+50 TO 3974+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1421
SCALE
AS SHOWN
SHEET NO.
2 OF 22



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REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

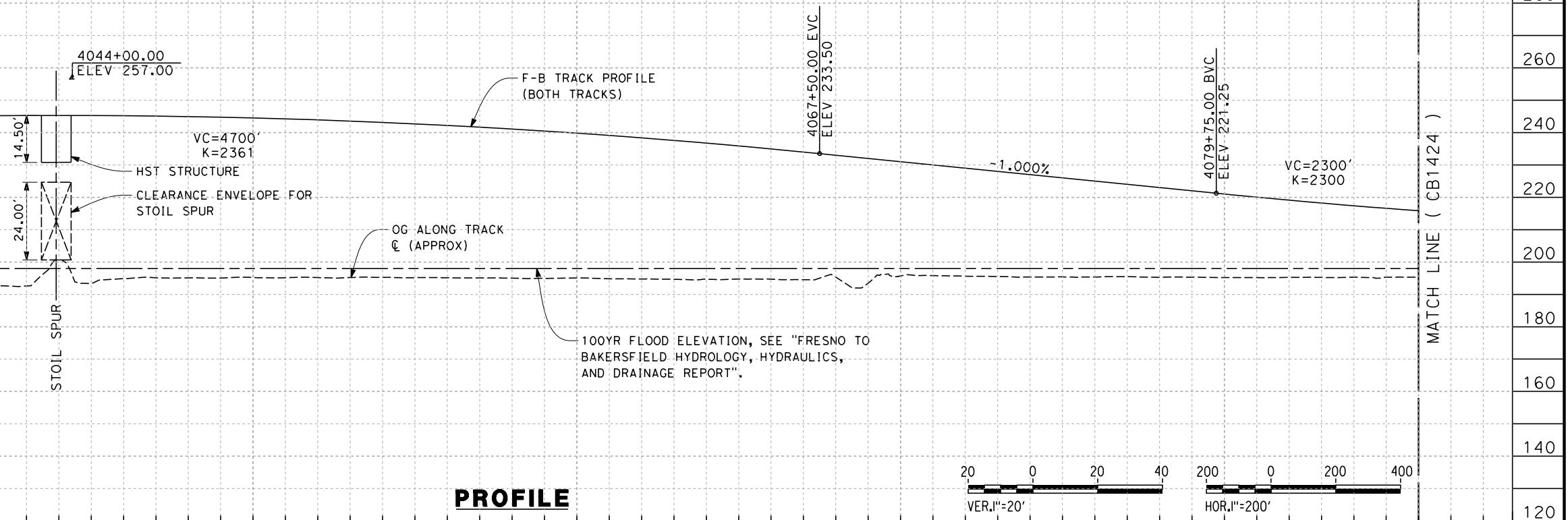
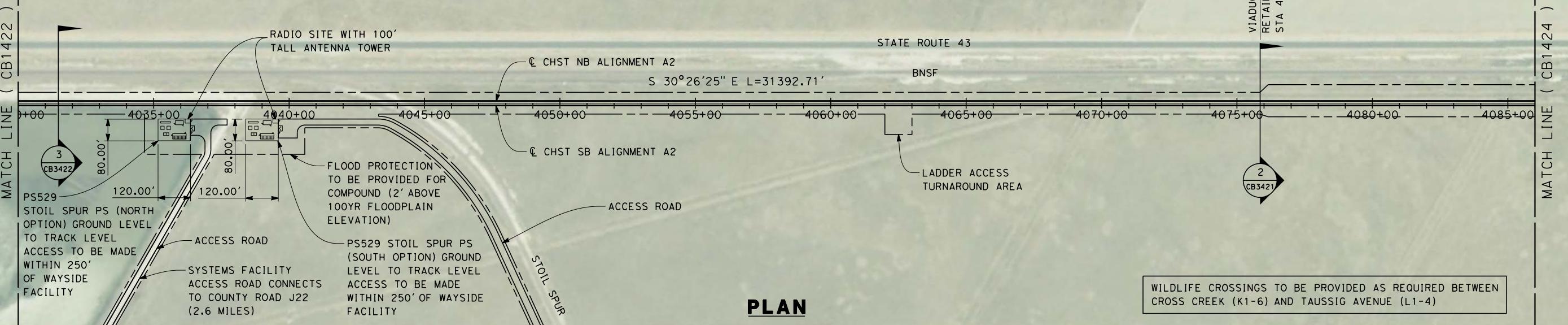
DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. MEJIA
IN CHARGE
R. COFFIN
DATE

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 3974+00 TO 4030+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1422
SCALE
AS SHOWN
SHEET NO.
3 OF 22



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DESCRIPTION

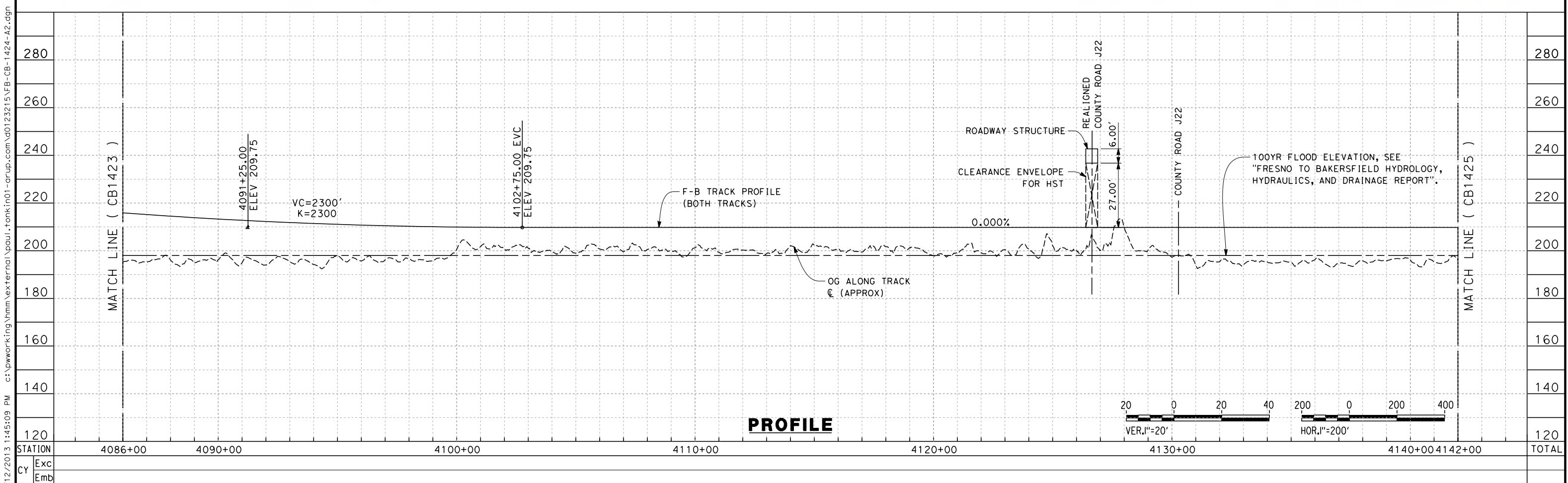
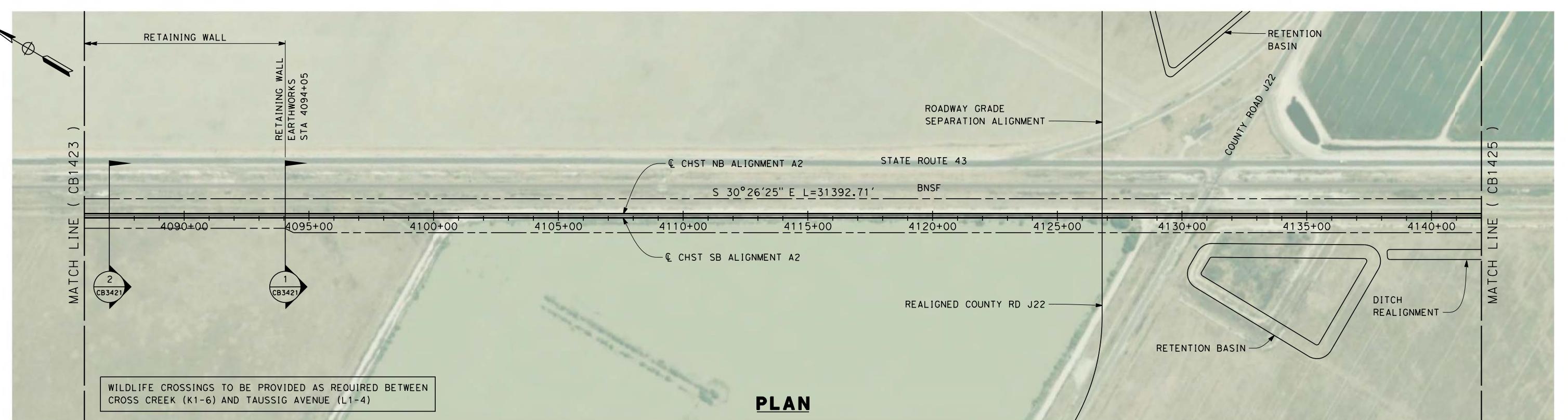
DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. MEJIA
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
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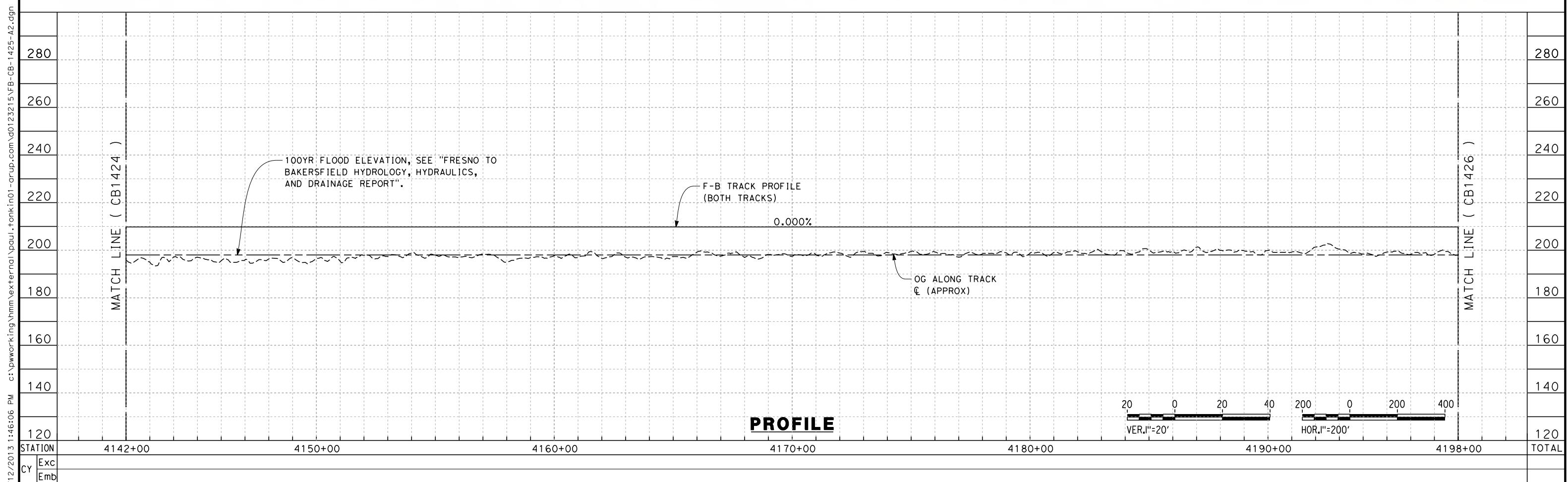
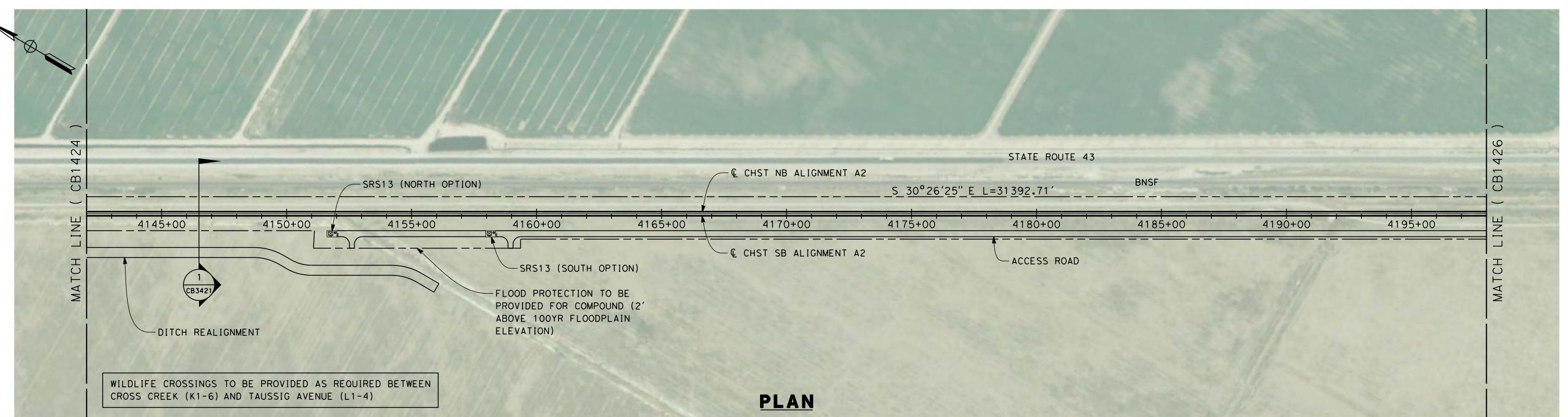


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4030+00 TO 4086+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1423
SCALE
AS SHOWN
SHEET NO.
4 OF 22



DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD	CONTRACT NO. HSR 06-0003
DRAWN BY E. TANAKA	-	CALIFORNIA HIGH-SPEED TRAIN	THROUGH ALLENSWORTH SUBSECTION	DRAWING NO. CB1424
CHECKED BY G. MEJIA	NOT FOR CONSTRUCTION		ALIGNMENT A2	SCALE AS SHOWN
IN CHARGE R. COFFIN			STA. 4086+00 TO 4142+00	SHEET NO. 5 OF 22
DATE 12/31/13	DESCRIPTION 12/31/13		PLAN AND PROFILE	
REV	DATE	BY	CHK	APP



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**RECORD SET 15
DESIGN SUBMISSION**

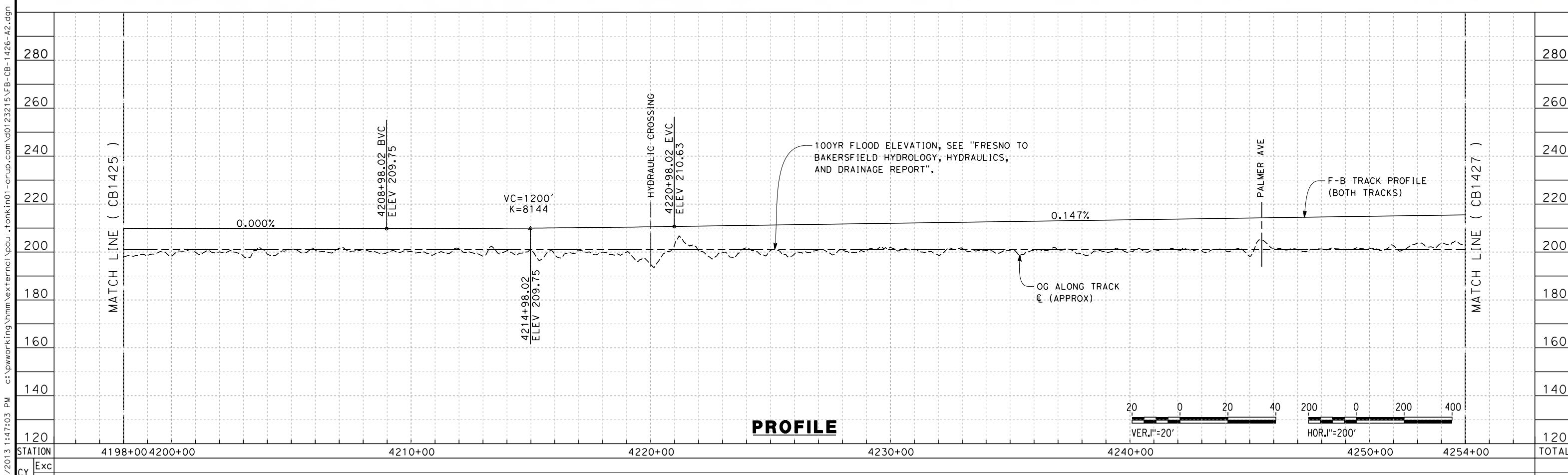
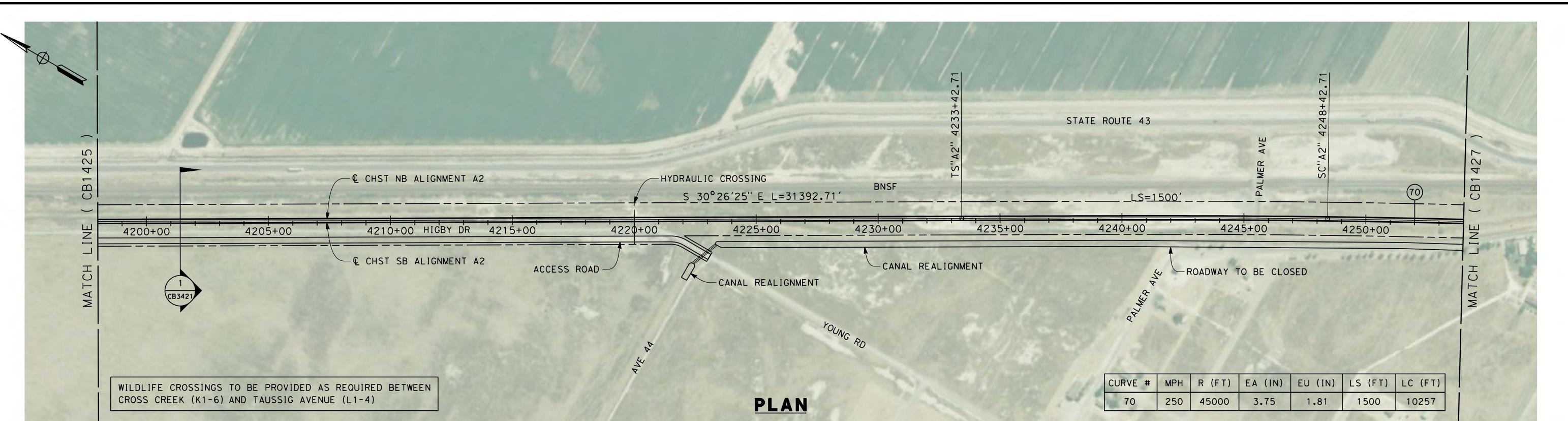
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

THROUGH ALLENSTWORTH SUBSECTION
ALIGNMENT A2
STA. 4142+00 TO 4198+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1425
SCALE
AS SHOWN
SHEET NO.
6 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

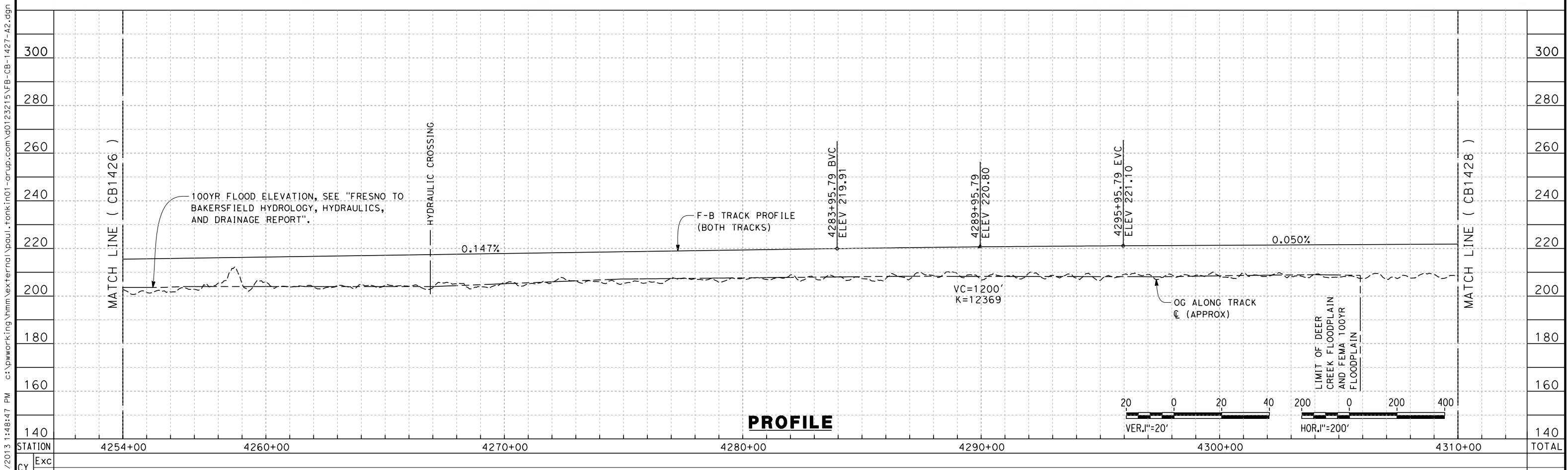
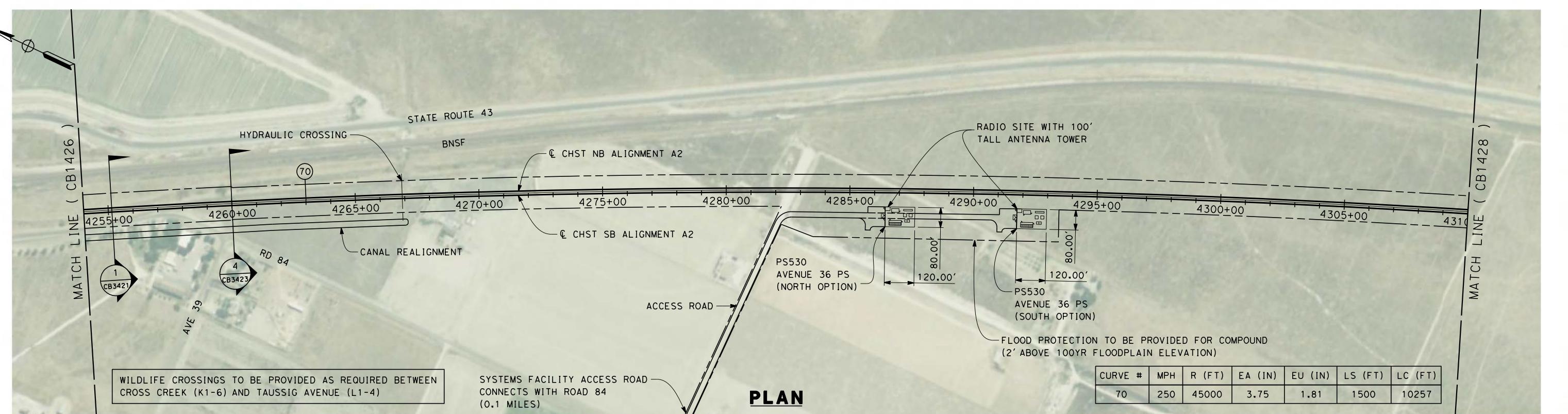
DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. MEJIA
IN CHARGE
R. COFFIN
DATE
12/31/13

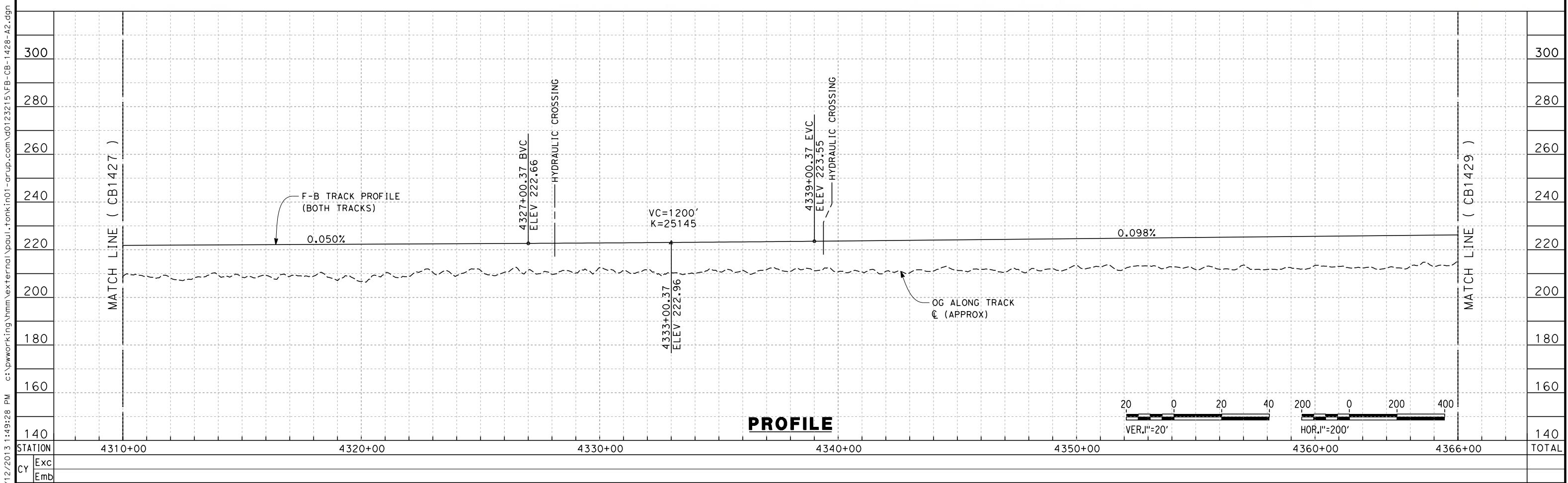
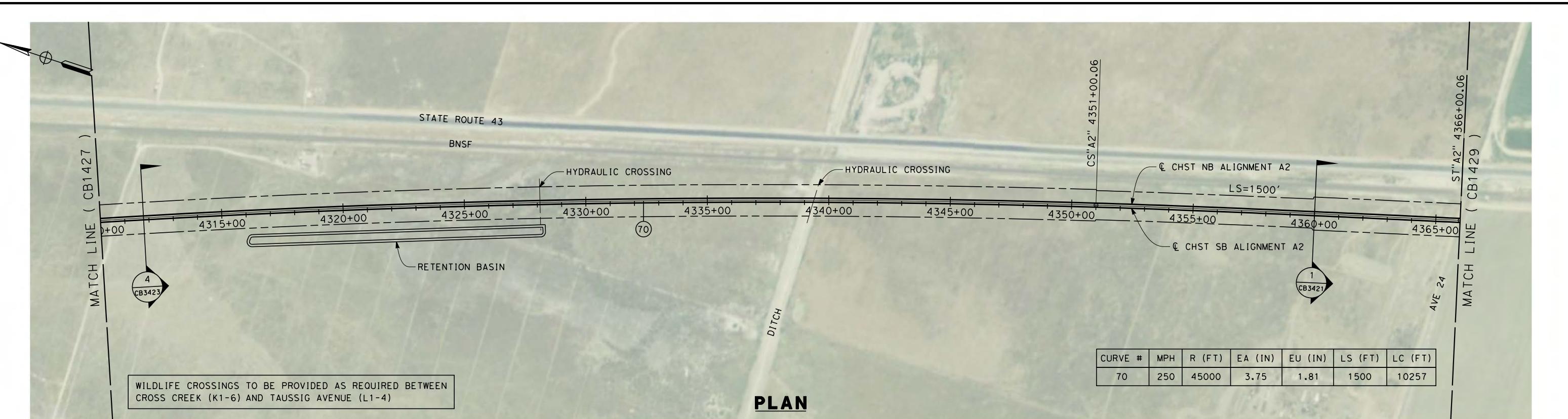
RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4198+00 TO 4254+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1426
SCALE
AS SHOWN
SHEET NO.
7 OF 22





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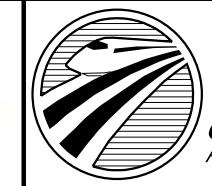
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DAT

**RECORD SET 15%
DESIGN SUBMISSION

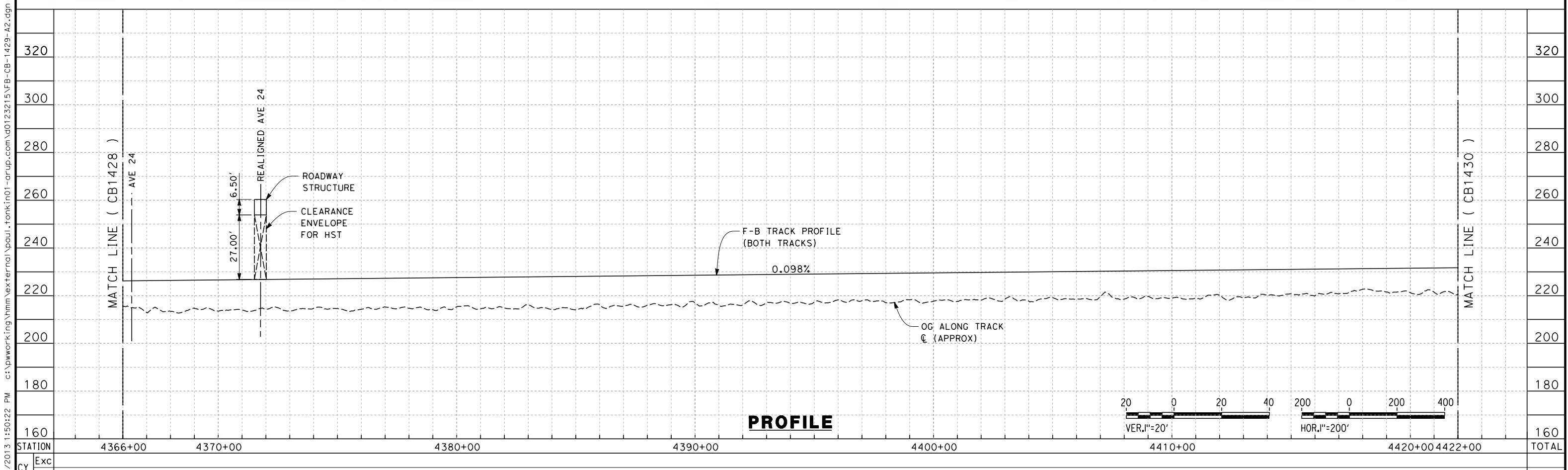
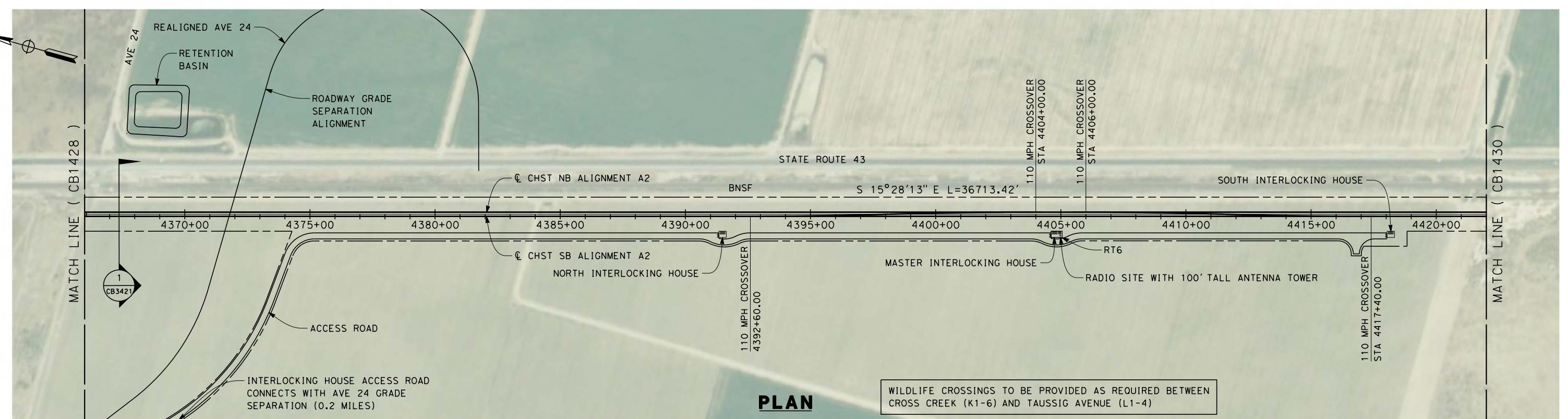
NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
THROUGH ALLENSTWORTH SUBSECTION
ALIGNMENT A2
STA. 4310+00 TO 4366+00
PLAN AND PROFILE

TRACT NO.
HSR 06-0003
AWING NO.
CB1428
ALE
AS SHOWN
ET NO.
9 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

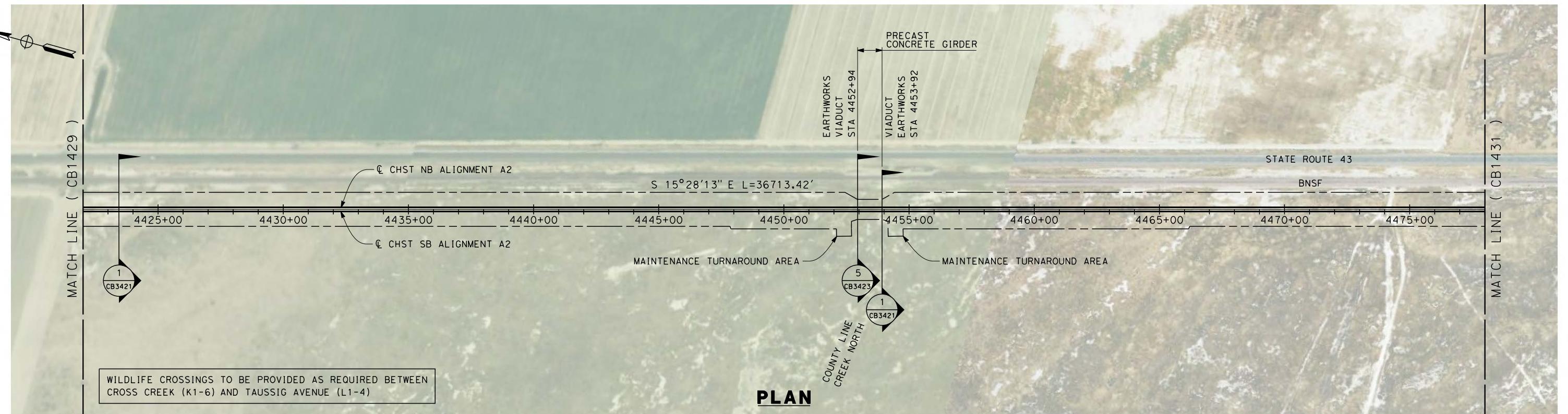
DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. MEJIA
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

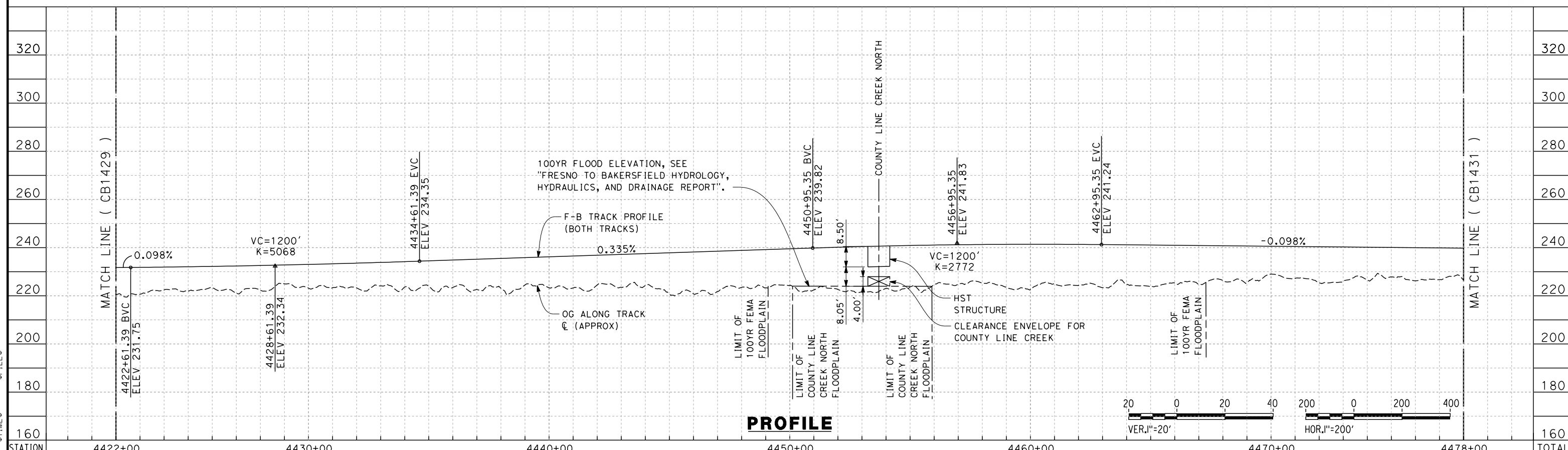


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4366+00 TO 4422+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1429
SCALE
AS SHOWN
SHEET NO.
10 OF 22



PLAN



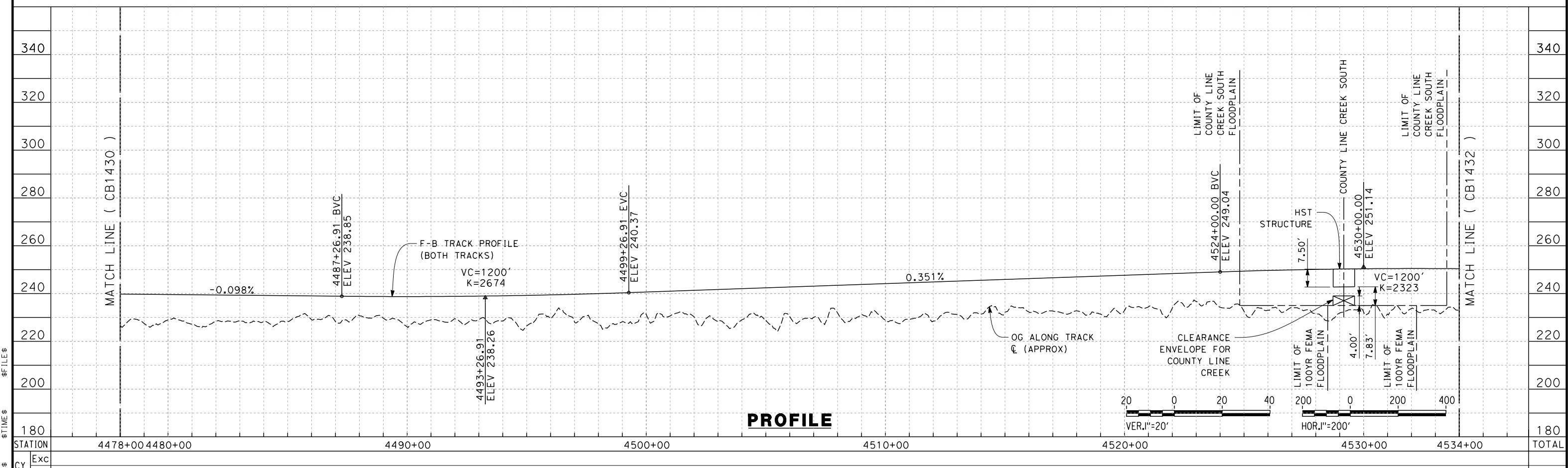
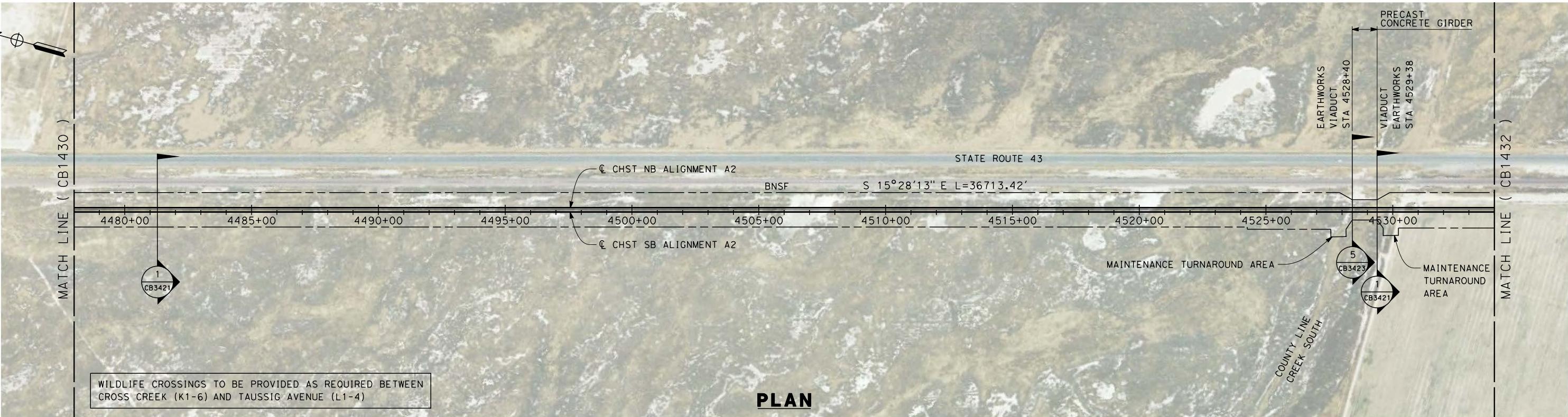
REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4422+00 TO 4478+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1430
SCALE
AS SHOWN
SHEET NO.
11 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

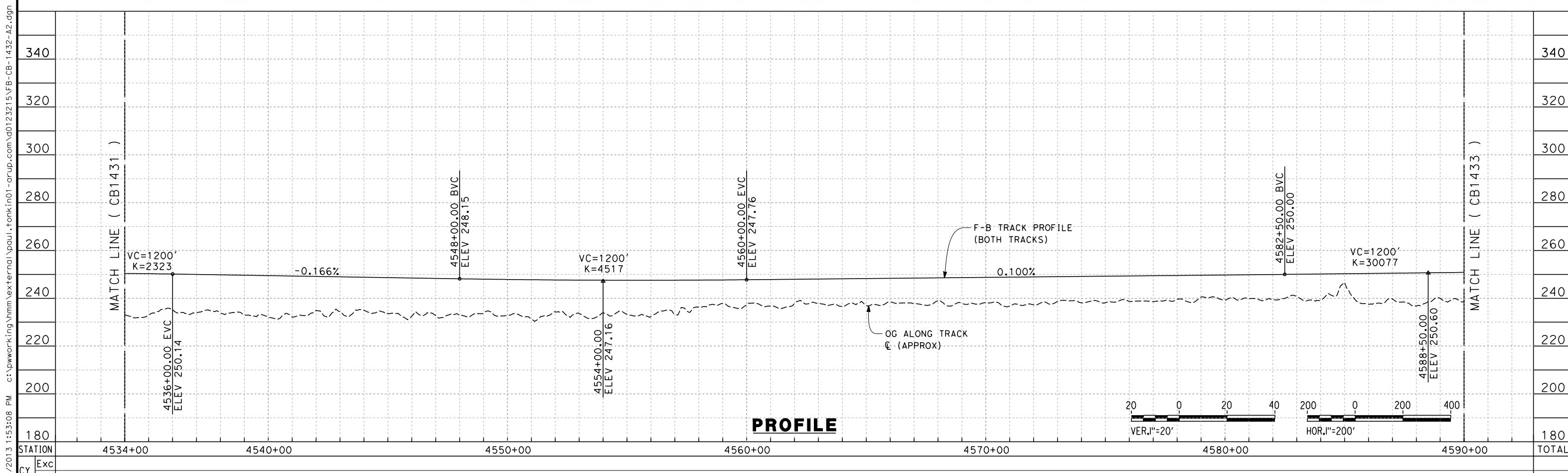
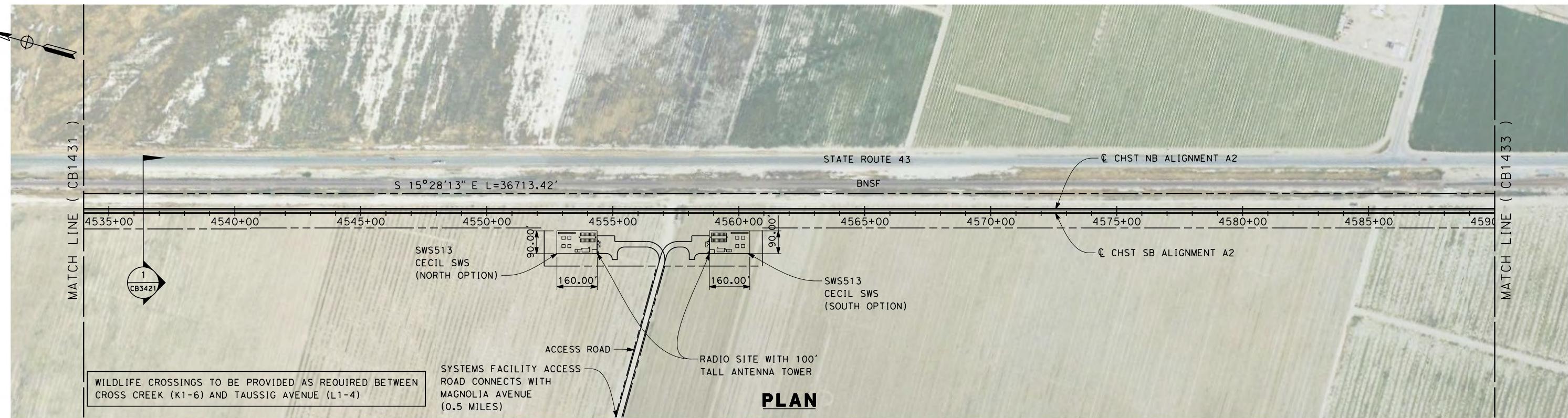
DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. MEJIA
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4478+00 TO 4534+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1431
SCALE
AS SHOWN
SHEET NO.
12 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

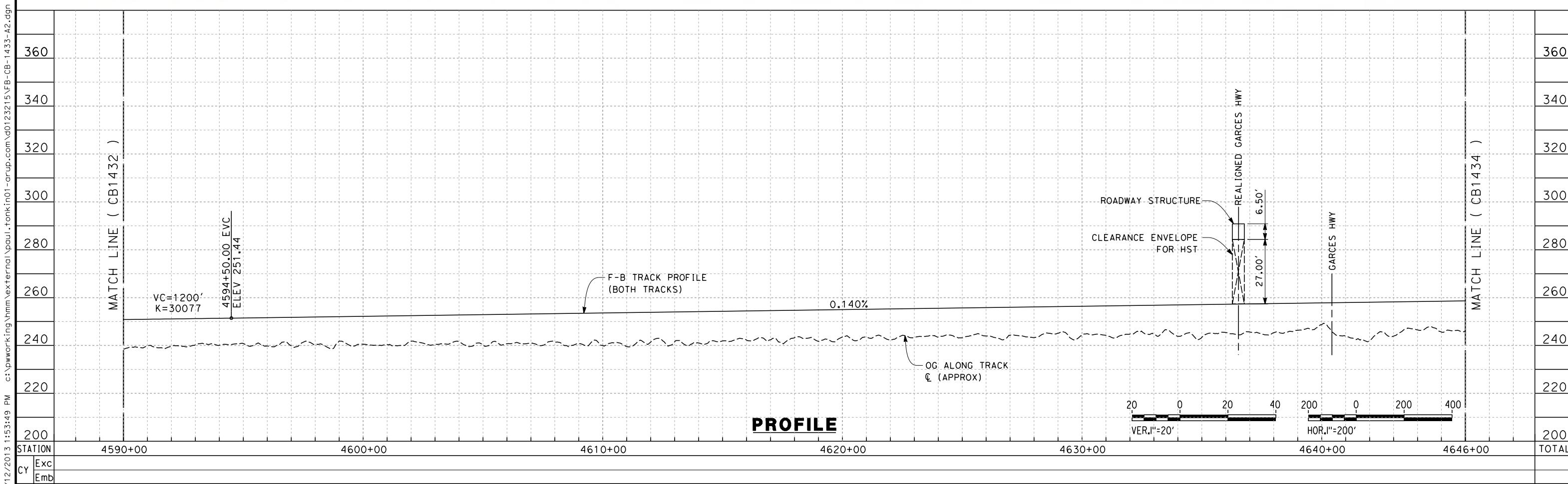
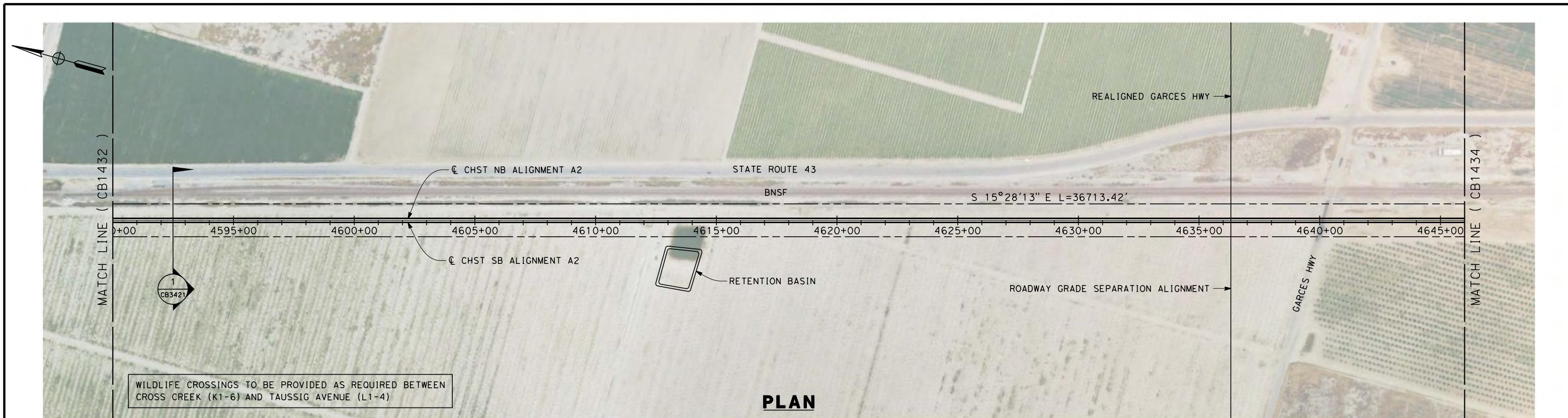
DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. MEJIA
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4534+00 TO 4590+00
PLAN AND PROFILE

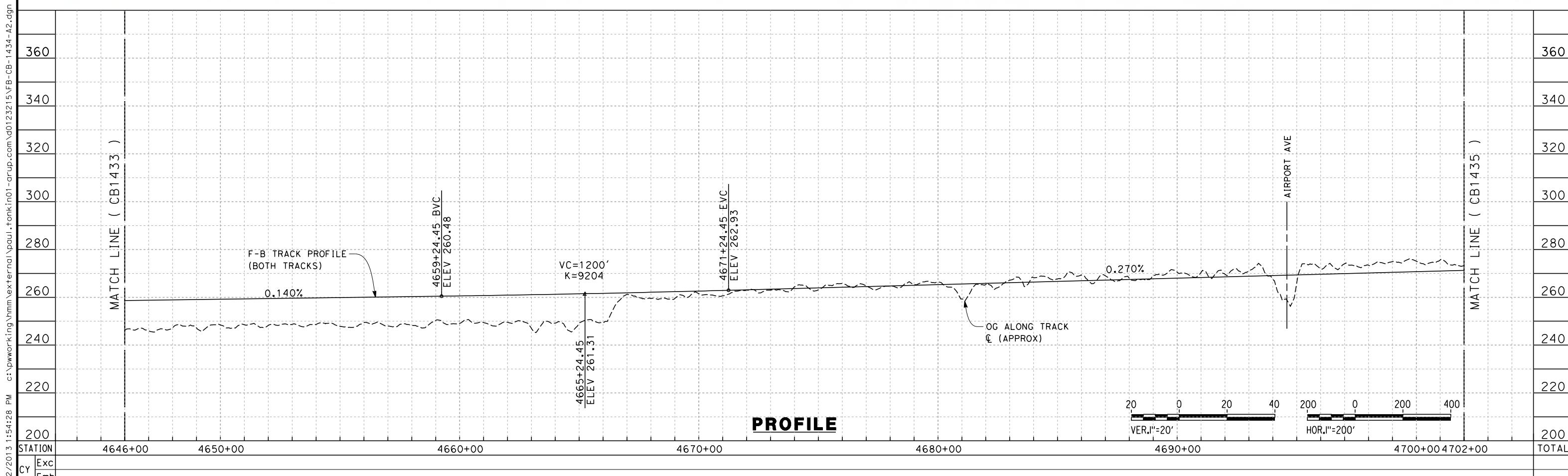
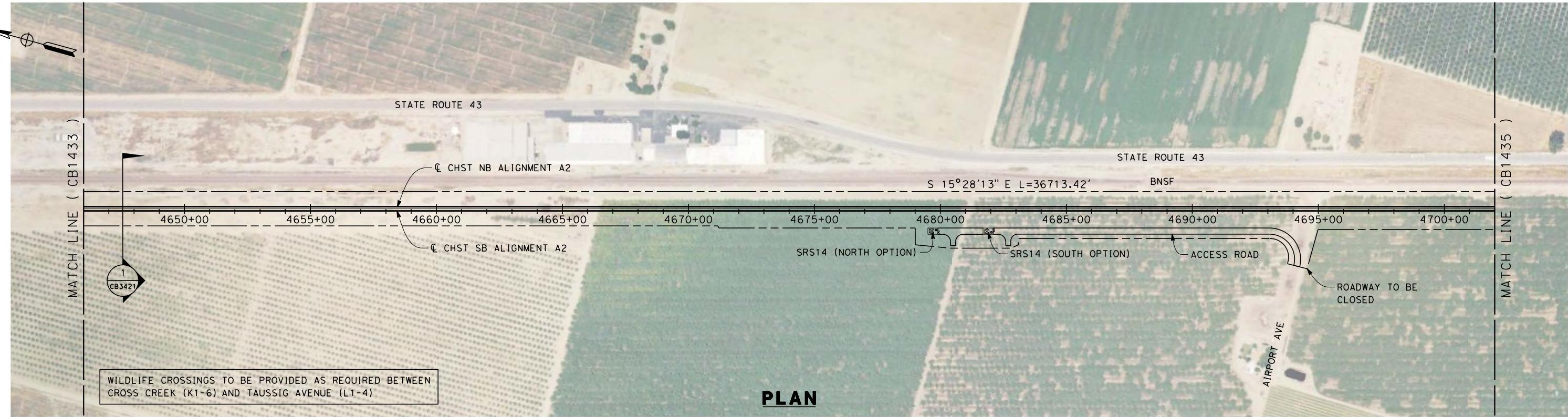
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1432
SCALE
AS SHOWN
SHEET NO.
13 OF 22



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					DRAWING NO.	CB1433
					SCALE	AS SHOWN
					SHEET NO.	14 OF 22
REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13
1	CB3421				DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION
					DRAWN BY E. TANAKA	-
					CHECKED BY G. MEJIA	NOT FOR CONSTRUCTION
					IN CHARGE R. COFFIN	
					DATE	



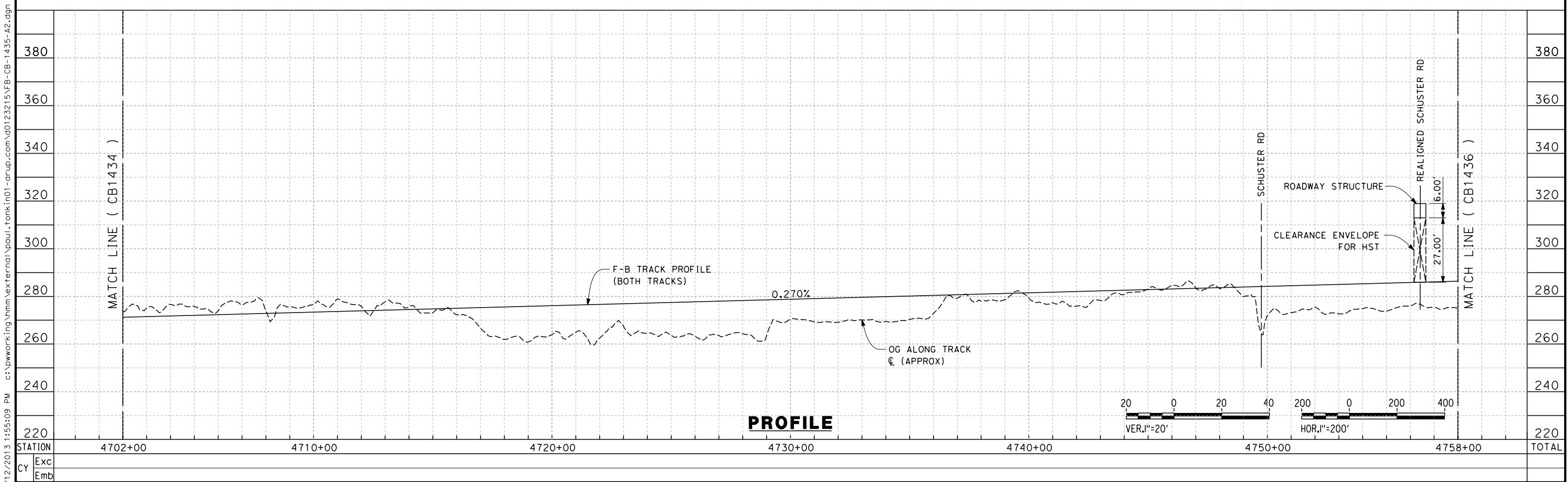
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4590+00 TO 4646+00
PLAN AND PROFILE

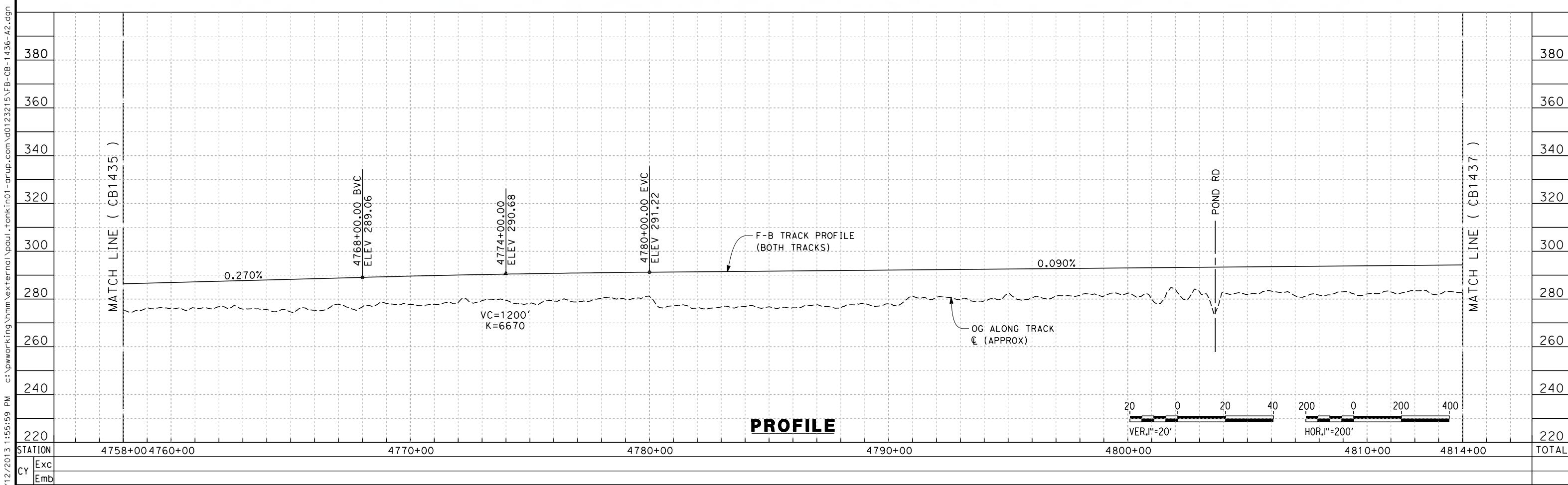
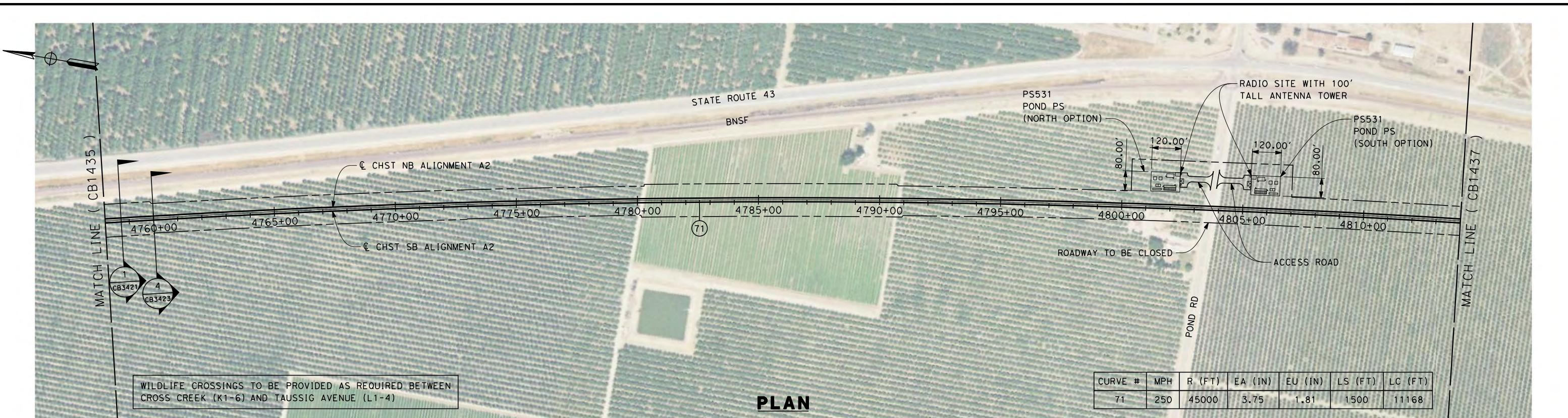


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DRAWN BY E. TANAKA	-			DRAWING NO. CB1434
CHECKED BY G. MEJIA	-			SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION			SHEET NO. 15 OF 22
DATE 12/31/13	DESCRIPTION			
REV	DATE	BY	CHK	APP

CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4646+00 TO 4702+00
PLAN AND PROFILE





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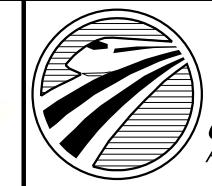
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**RECORD SET 15%
DESIGN SUBMISSION

NOT FOR
CONSTRUCTION**

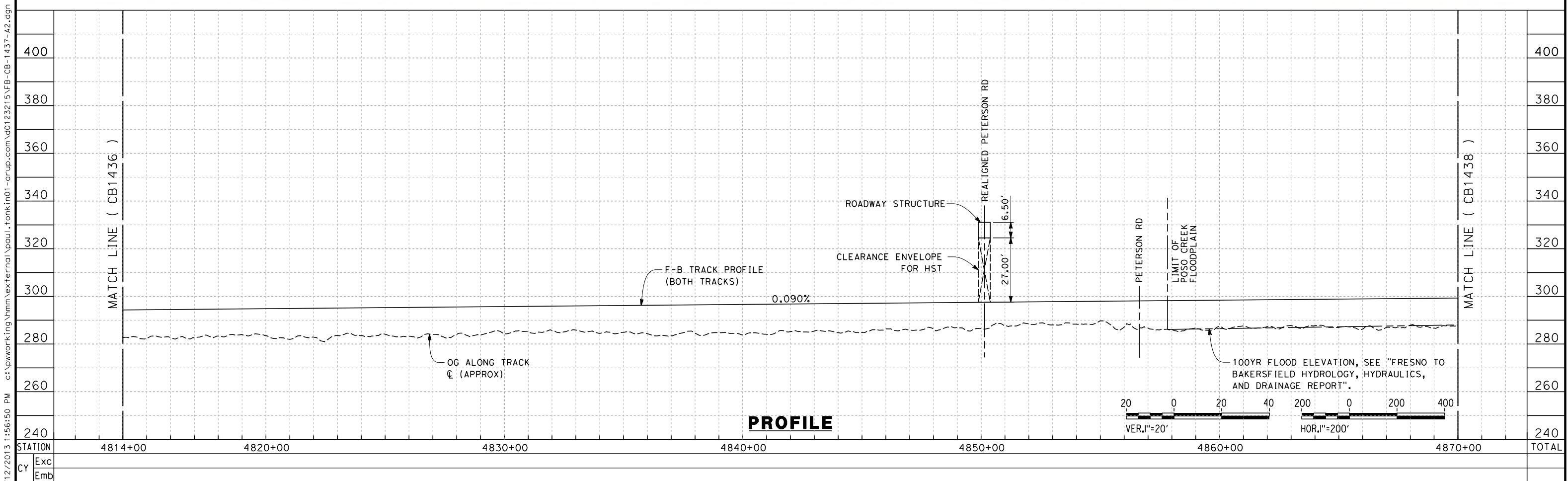
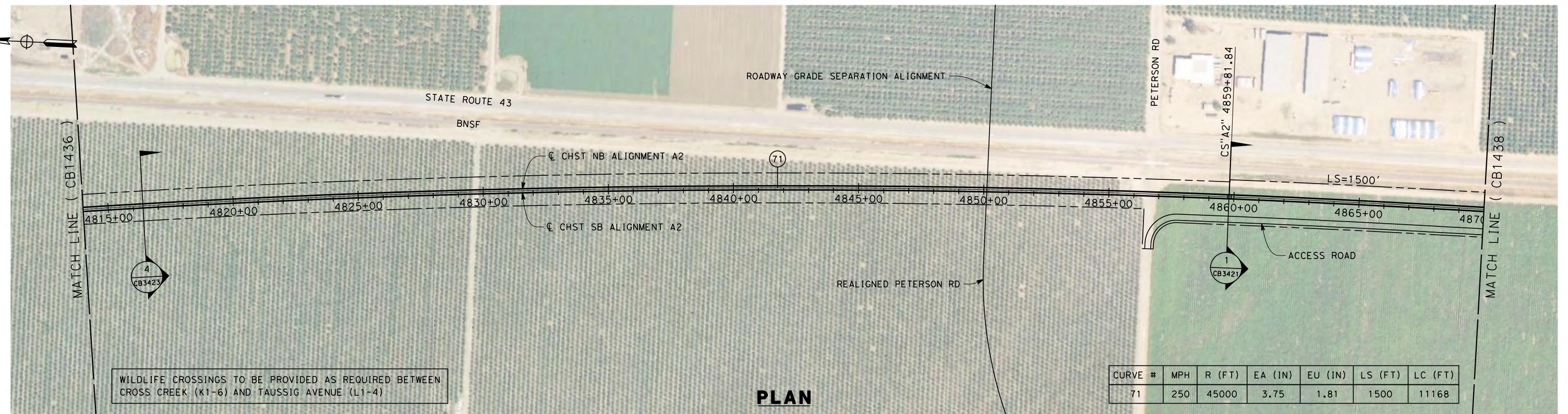


CALIFORNIA HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4758+00 TO 4814+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1436
CALE AS SHOWN
HEET NO.
17 OF 22

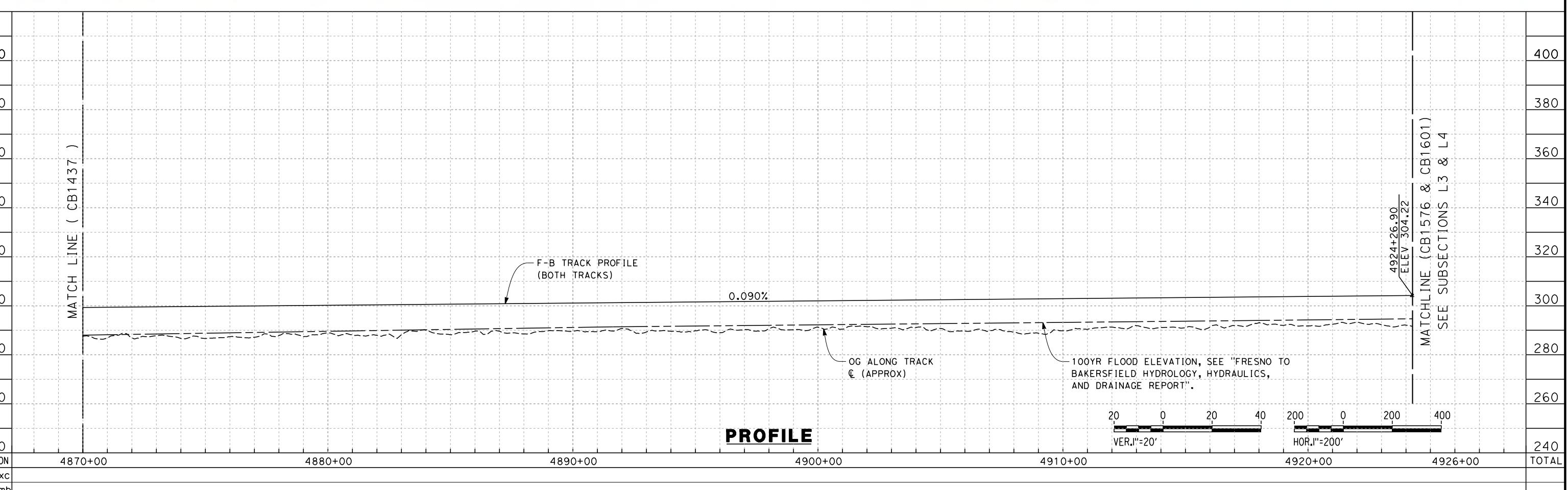
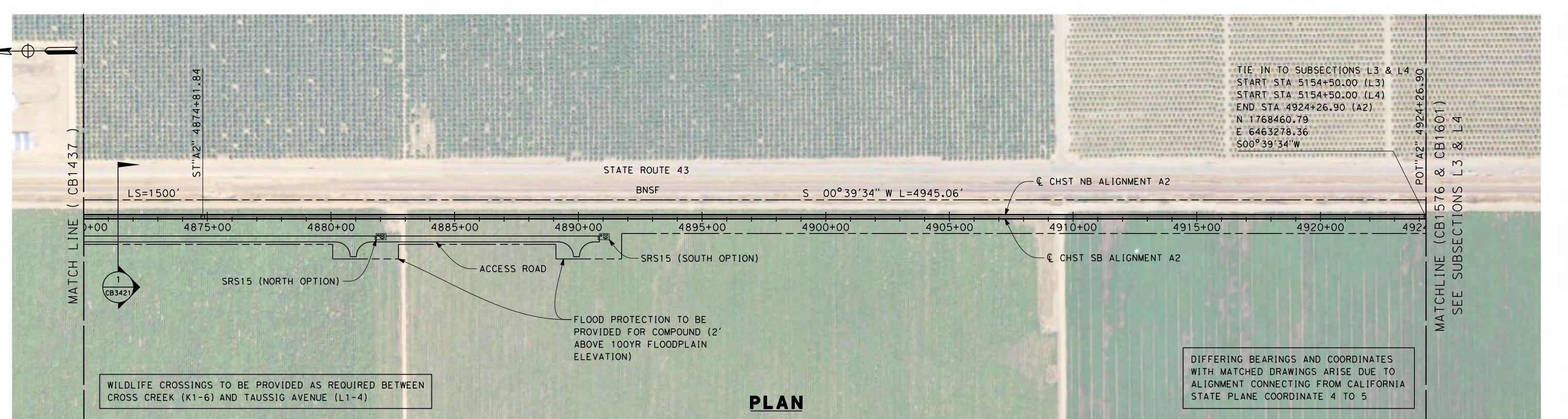


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DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN AUTHORITY	CONTRACT NO. HSR 06-0003
DRAWN BY E. TANAKA	-	CALIFORNIA HIGH-SPEED TRAIN		DRAWING NO. CB1437
CHECKED BY G. MEJIA	NOT FOR CONSTRUCTION			SCALE AS SHOWN
IN CHARGE R. COFFIN				SHEET NO. 18 OF 22
DATE 12/31/13				

REV DATE BY CHK APP DESCRIPTION

CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4814+00 TO 4870+00
PLAN AND PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

DESIGNED BY
S. LITSAS
DRAWN BY
E. TANAKA
CHECKED BY
G. MEJIA
IN CHARGE
R. COFFIN
DATE

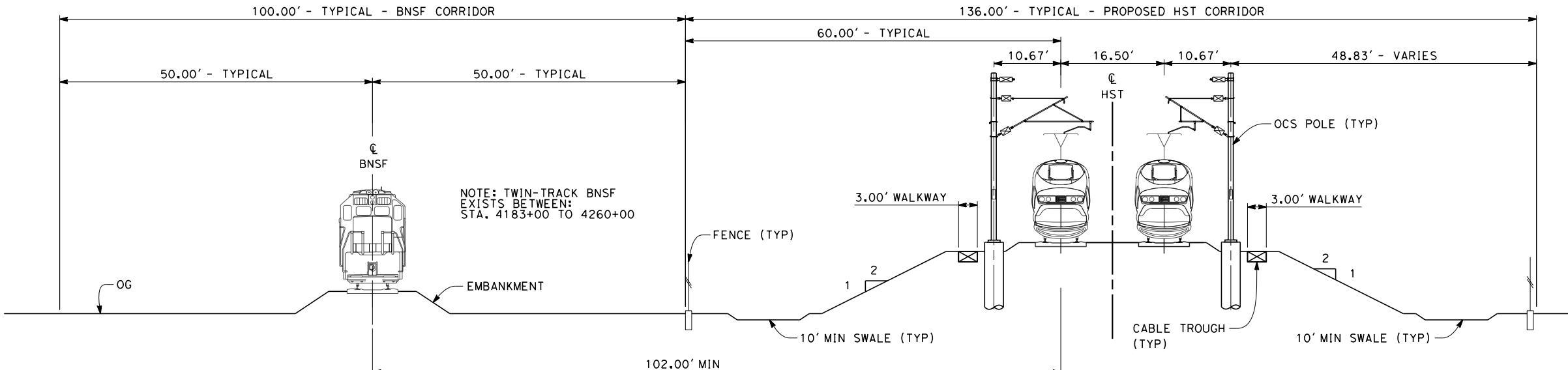
RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
THROUGH ALLENSWORTH SUBSECTION
ALIGNMENT A2
STA. 4870+00 TO 4924+27
PLAN AND PROFILE

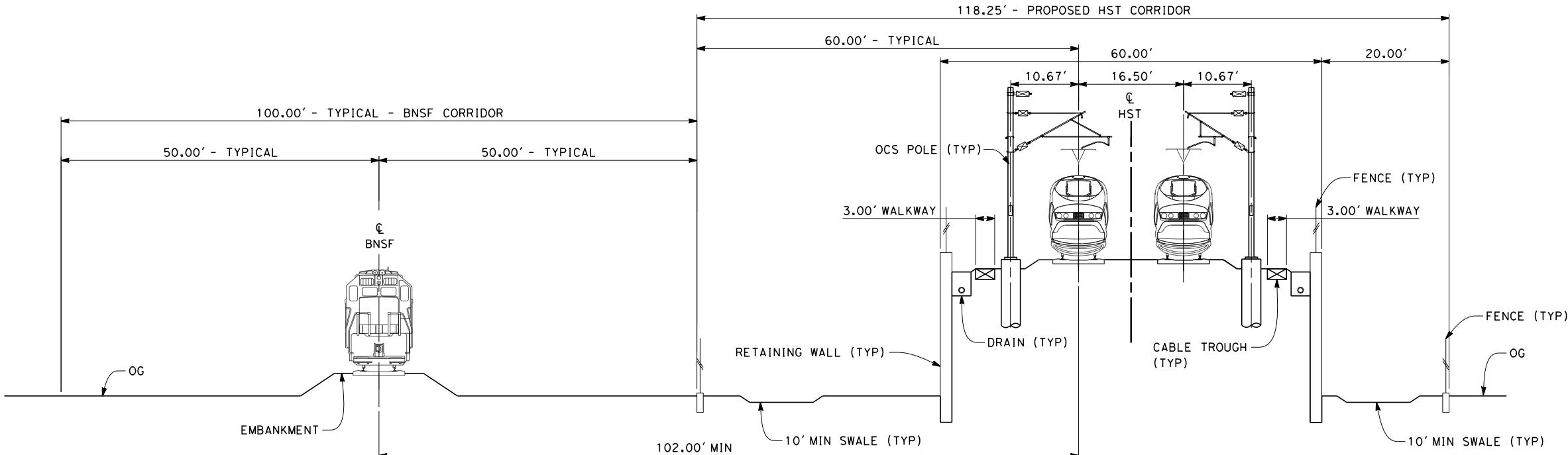
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1438
SCALE
AS SHOWN
SHEET NO.
19 OF 22

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS.
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPER ELEVATION IS SHOWN IN THE CURVE DATA TABLES.



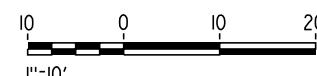
SECTION 1

TWIN TRACK - ADJACENT TO SINGLE TRACK BNSF
 STA 3919+50 THROUGH STA 3994+00
 STA 4094+05 THROUGH STA 4260+00
 STA 4360+00 THROUGH STA 4452+94
 STA 4453+92 THROUGH STA 4528+40
 STA 4529+38 THROUGH STA 4760+00
 STA 4859+80 THROUGH STA 4924+26.90



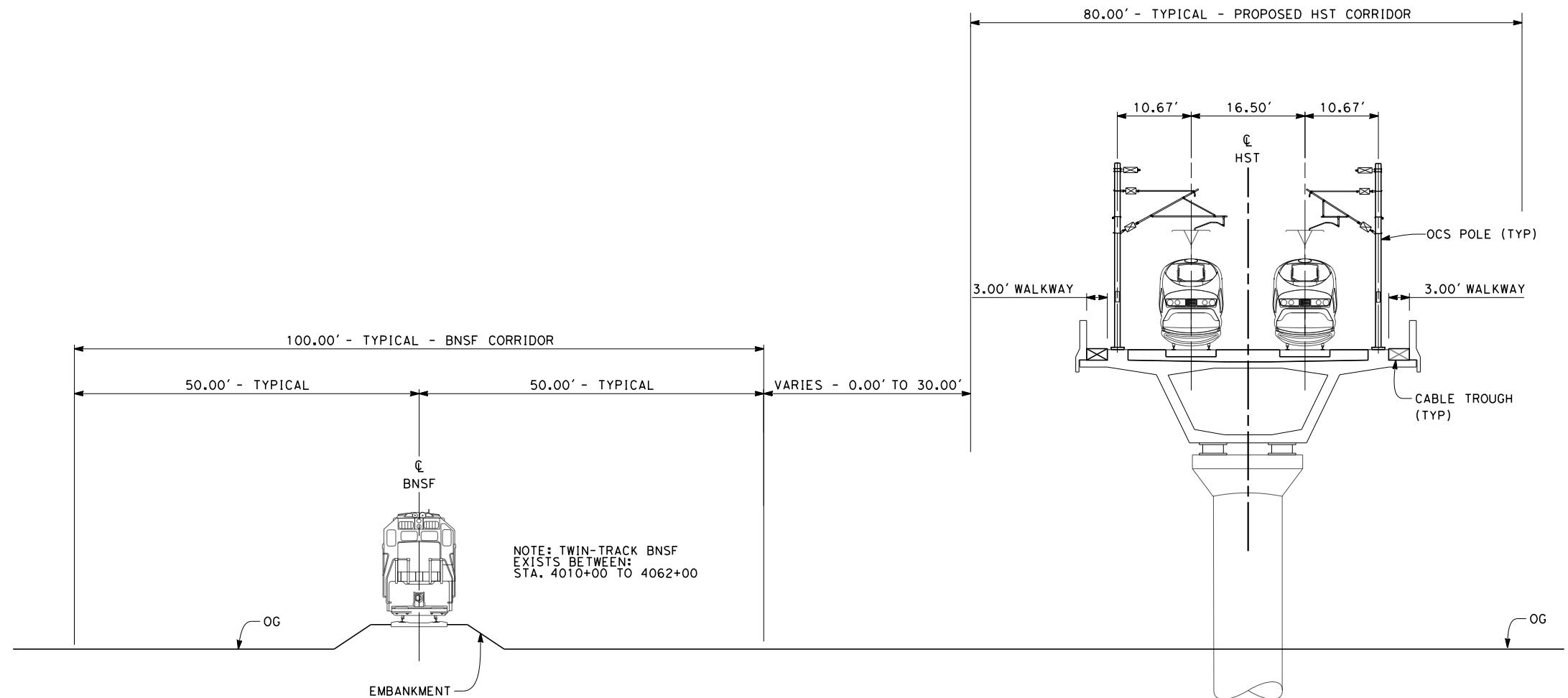
SECTION 2

TWIN TRACK - RETAINED EMBANKMENT ADJACENT TO SINGLE TRACK BNSF
 STA 3994+00 THROUGH STA 4006+05
 STA 4075+85 THROUGH STA 4094+05



DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION	URS HMM ARUP CALIFORNIA HIGH-SPEED TRAIN	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD THROUGH ALLENSWORTH SUBSECTION ALIGNMENT A2 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY E. TANAKA					DRAWING NO. CB3421
CHECKED BY G. MEJIA					SCALE AS SHOWN
IN CHARGE R. COFFIN					SHEET NO. 20 OF 22
REV DATE BY CHK APP	DESCRIPTION	DATE 12/31/13			

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS.
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPER ELEVATION IS SHOWN IN THE CURVE DATA TABLES.



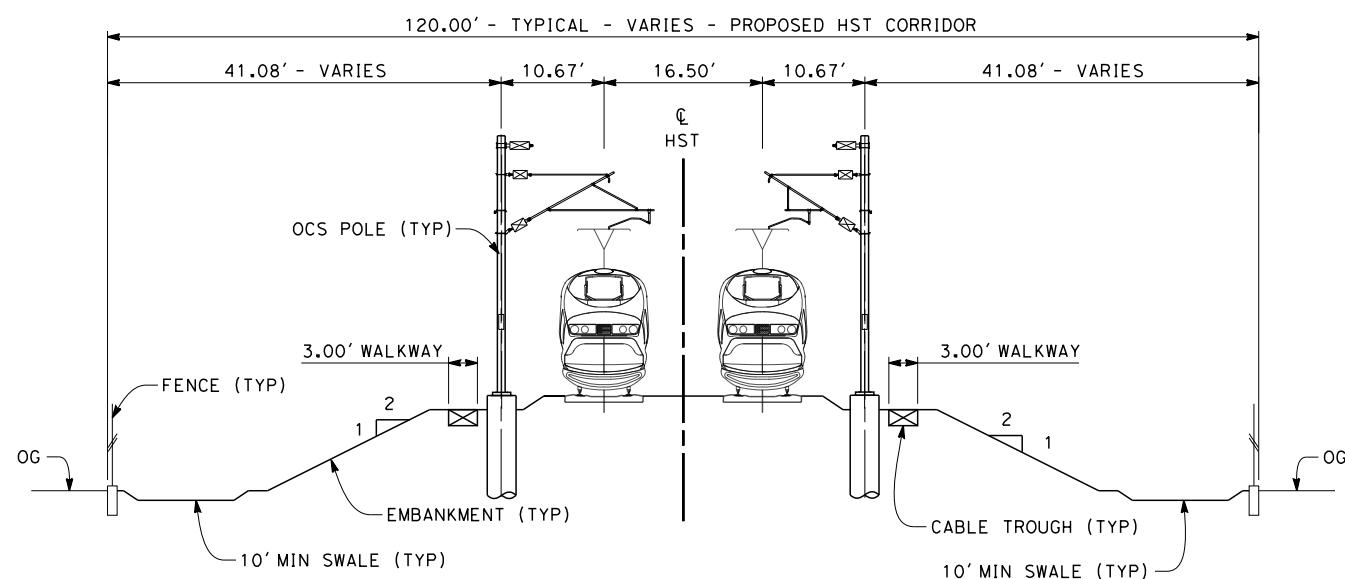
SECTION 3

TWIN TRACK - AERIAL VIADUCT ADJACENT TO SINGLE TRACK BNSF
STA 4006+05 THROUGH STA 4075+85



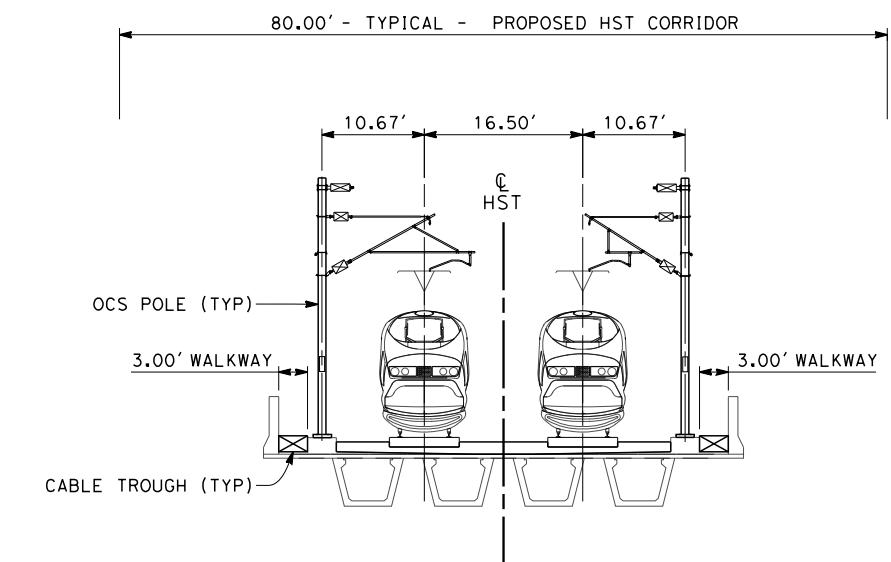
				DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD THROUGH ALLENSWORTH SUBSECTION ALIGNMENT A2 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
				DRAWN BY E. TANAKA	-				DRAWING NO. CB3422
				CHECKED BY G. MEJIA	NOT FOR CONSTRUCTION				SCALE AS SHOWN
				IN CHARGE R. COFFIN					SHEET NO. 21 OF 22
REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13			

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS.
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPER ELEVATION IS SHOWN IN THE CURVE DATA TABLES.



SECTION 4

TWIN TRACK - AT-GRADE WITH OPEN DRAINAGE
STA 4260+00 THROUGH STA 4360+00
STA 4760+00 THROUGH STA 4859+80

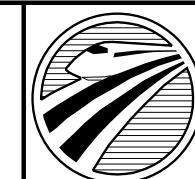


SECTION 5

TWIN TRACK - ELEVATED PRECAST CONCRETE GIRDER STRUCTURE
STA 4452+94 THROUGH STA 4453+92
STA 4528+40 THROUGH STA 4529+38



\$FILE\$
\$TIME\$
\$DATE\$
\$USER\$

					DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD THROUGH ALLENSWORTH SUBSECTION ALIGNMENT A2 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
					DRAWN BY E. TANAKA	-				DRAWING NO. CB3423
					CHECKED BY G. MEJIA	NOT FOR CONSTRUCTION				SCALE AS SHOWN
					IN CHARGE R. COFFIN					SHEET NO. 22 OF 22
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE	12/31/13			



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

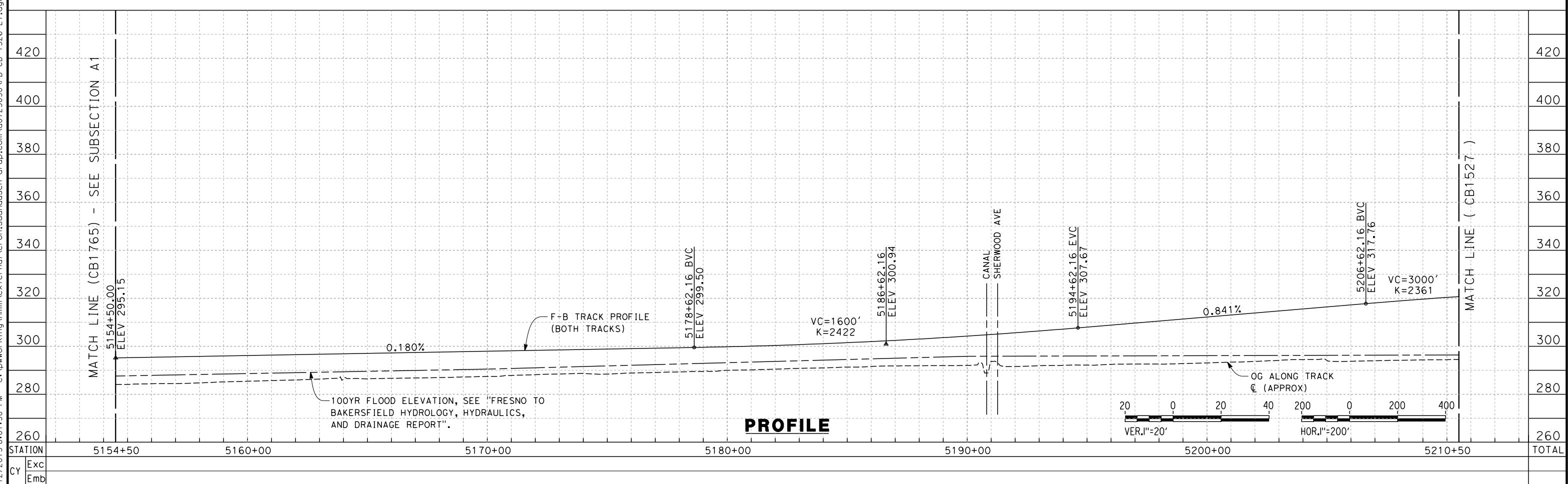
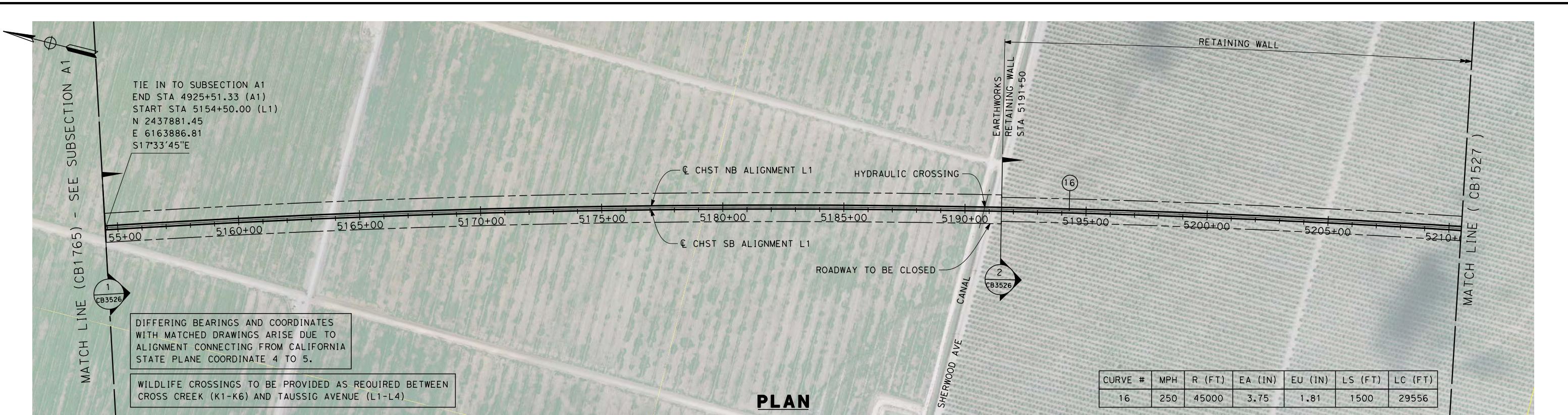
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
G. WALKER
IN CHARGE
R. COFFIN
DATE

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
POSO CREEK SUBSECTION
ALIGNMENT L1
STA. 5154+50 TO 5322+33
KEY MAP

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1525
SCALE
AS SHOWN
SHEET NO.
1 OF 6



DESIGNED S. LIT
DRAWN BY J. BOYD
CHECKED G. WADE
IN CHARGE R. COOPER
DATE 12/

RECORD SET 10
DESIGN SUBMISSION

-

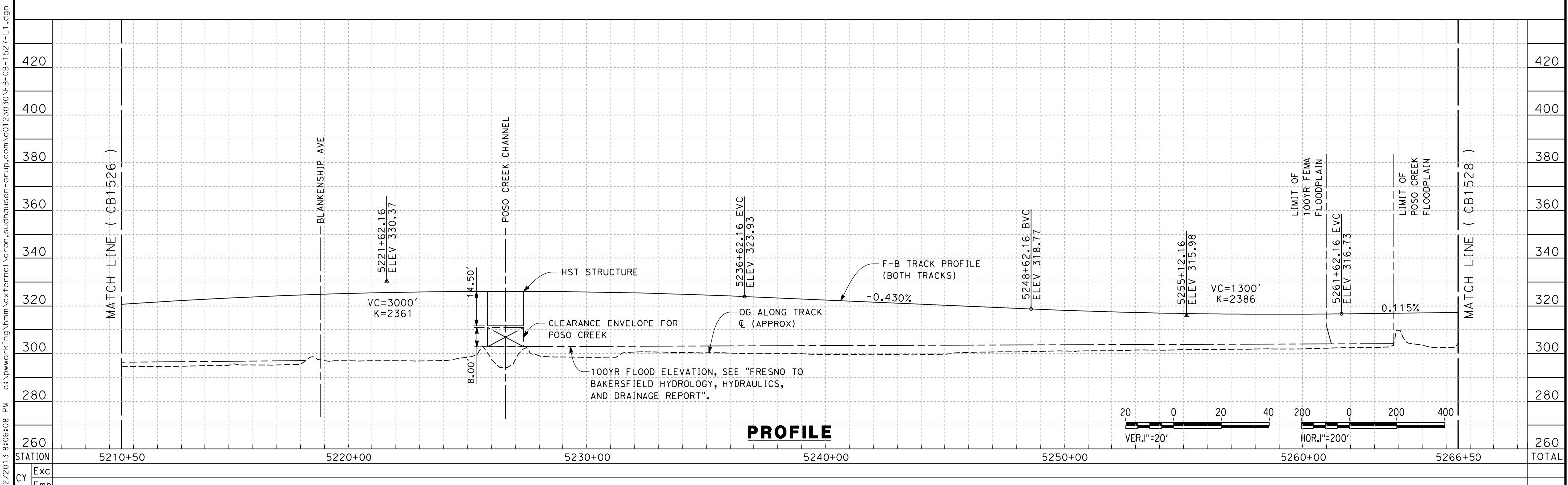
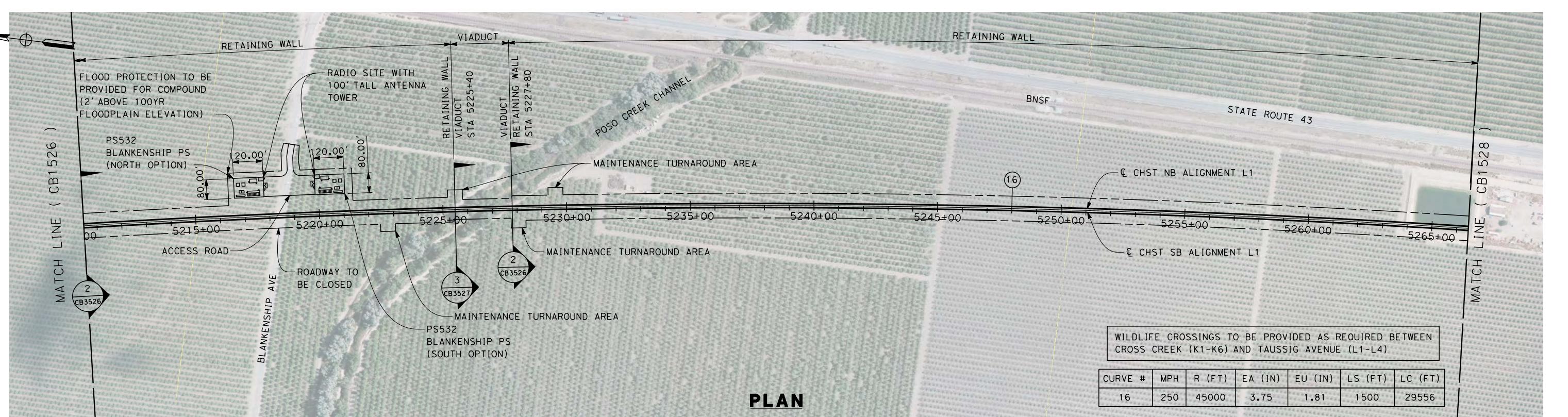
NOT FOR
CONSTRUCTION



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

POSO CREEK SUBSECTION
ALIGNMENT L1
STA. 5154+50 TO 5210+50
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1526
CALE AS SHOWN
HEET NO.
2 OF 6



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

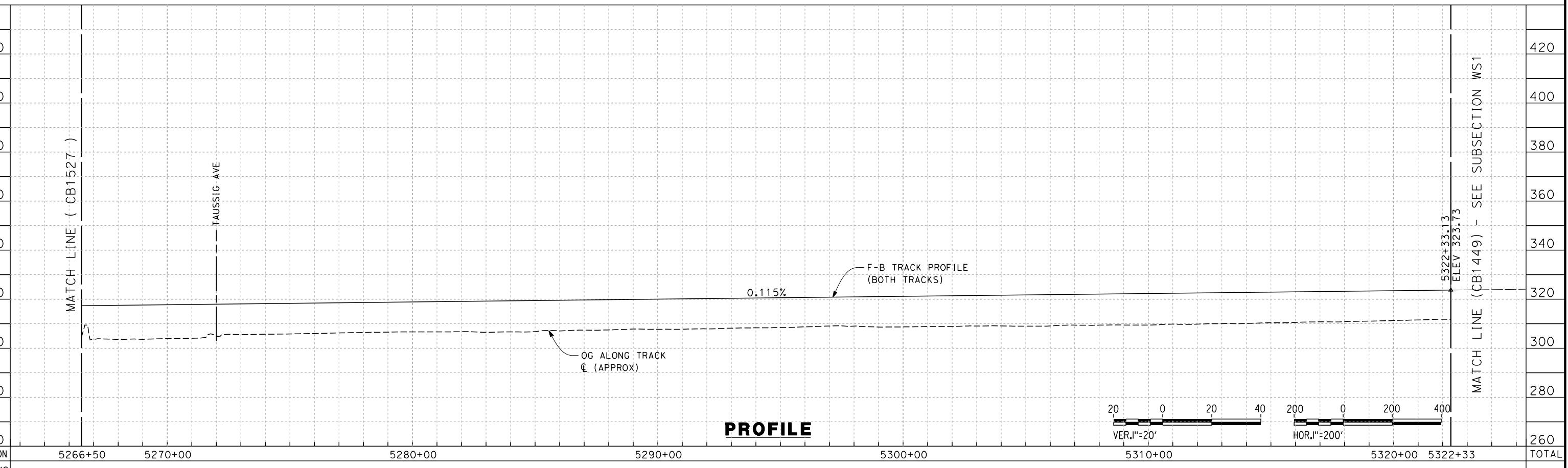
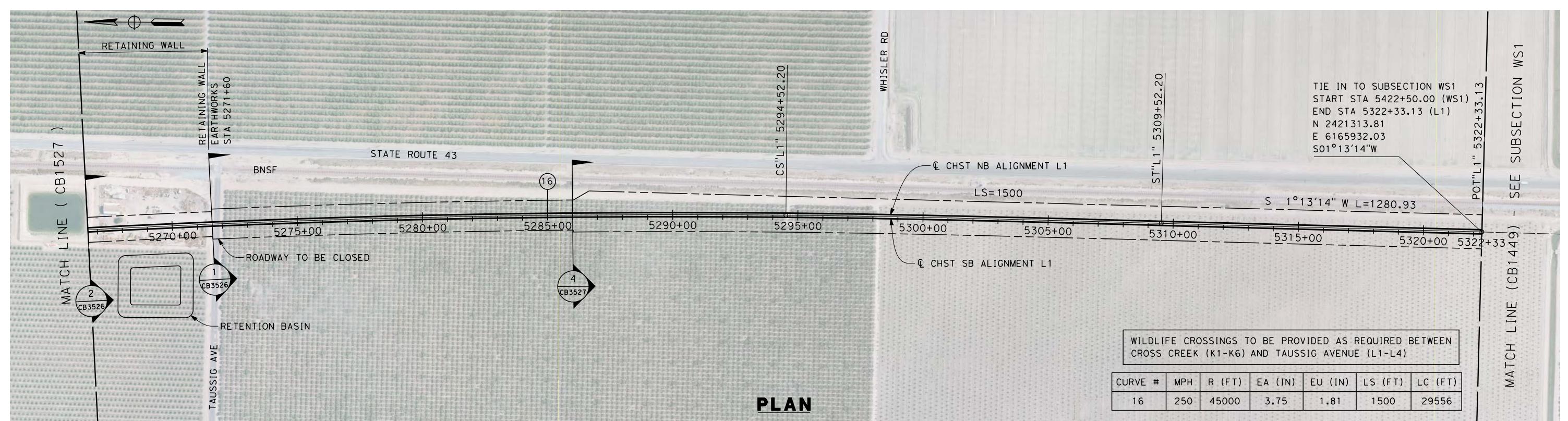
DESIGNED BY
S. LITSAS
DRAWN BY
J. BORGHESI
CHECKED BY
G. WALKER
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

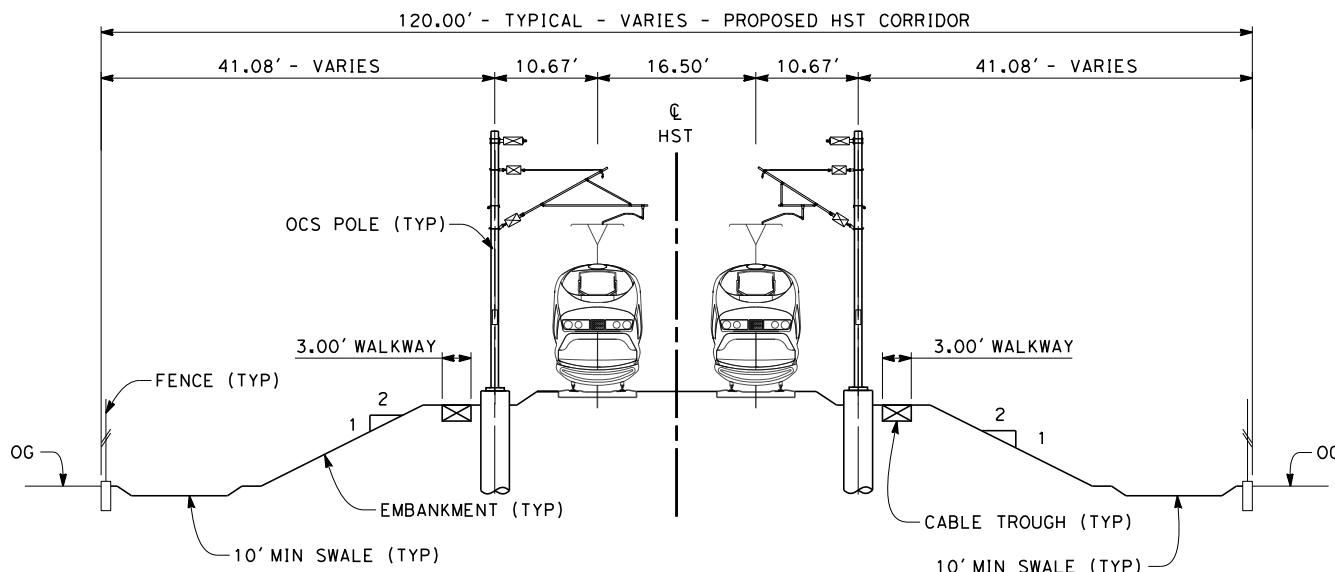


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
POSO CREEK SUBSECTION
ALIGNMENT L1
STA. 5210+50 TO 5266+50
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1527
SCALE
AS SHOWN
SHEET NO.
3 OF 6

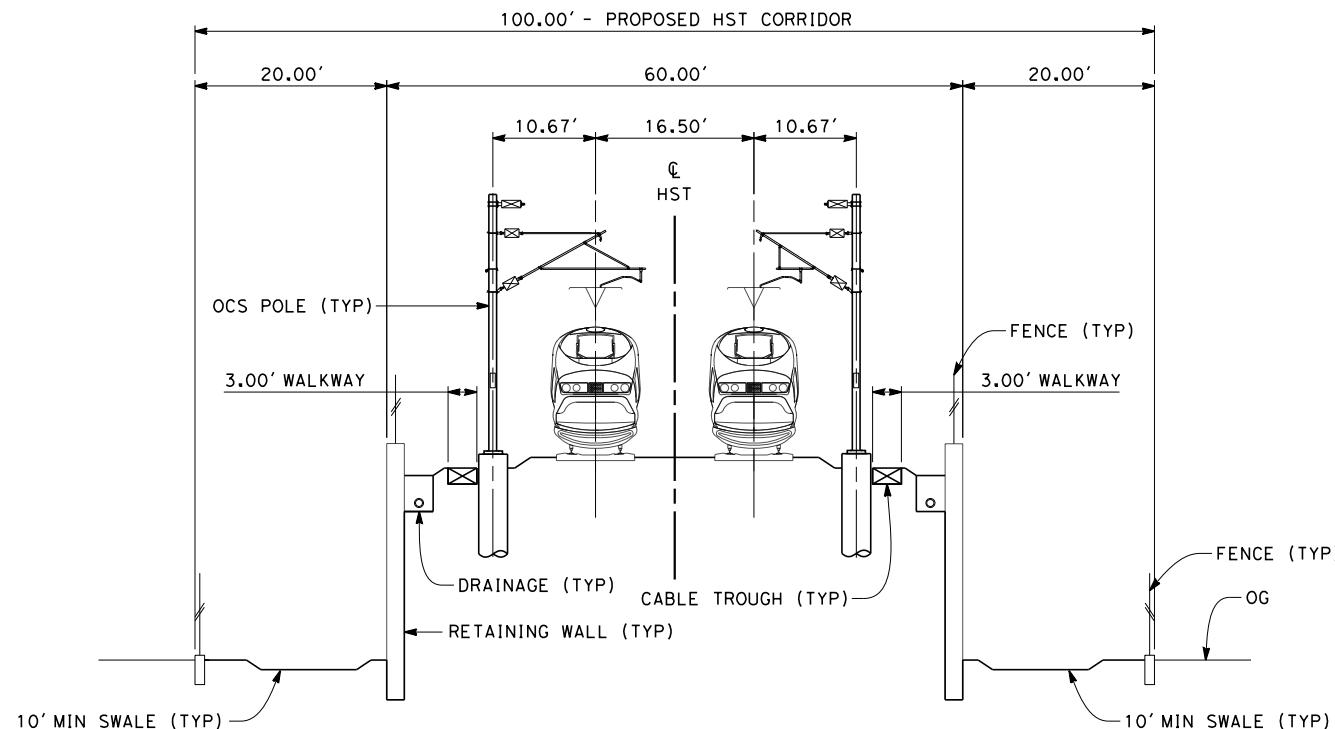


- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES



SECTION 1

TWIN TRACK - AT-GRADE WITH OPEN DRAINAGE
STA 5154+50 THROUGH STA 5191+50
STA 5271+60 THROUGH STA 5286+00



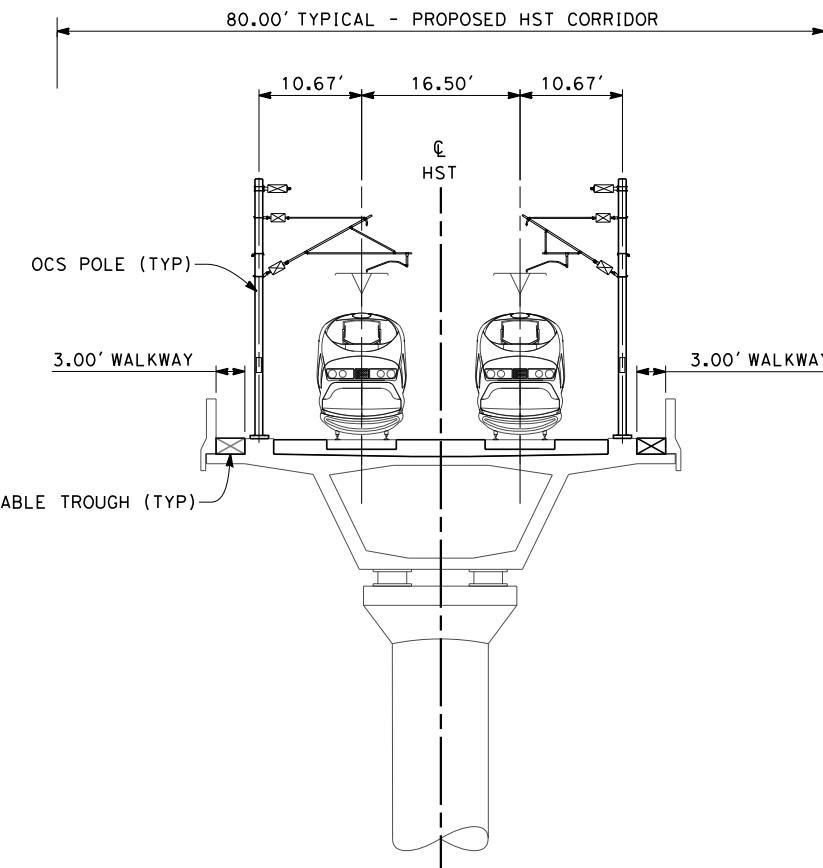
SECTION 2

TWIN TRACK - RETAINED EMBANKMENT
STA 5191+50 THROUGH STA 5225+40
STA 5227+80 THROUGH STA 5271+60



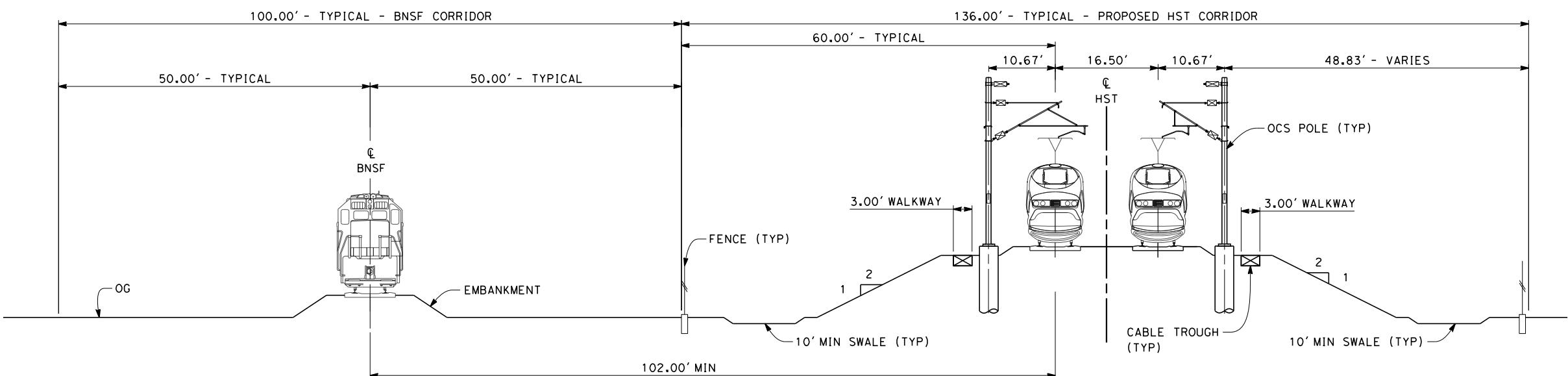
DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD POSO CREEK SUBSECTION ALIGNMENT L1 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY J. BORGHESI	-				DRAWING NO. CB3526
CHECKED BY G. WALKER	-				SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION				SHEET NO. 5 OF 6
DATE 12/31/13					
REV	DATE	BY	CHK	APP	DESCRIPTION

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES



SECTION 3

TWIN TRACK - AERIAL VIADUCT
STA 5225+40 THROUGH STA 5227+80



SECTION 4

TWIN TRACK - ADJACENT TO SINGLE TRACK BNSF
STA 5286+00 TO STA 5322+33

10 0 10 20
1' = 10'

DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD POSO CREEK SUBSECTION ALIGNMENT L1 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY J. BORGHESI	-				DRAWING NO. CB3527
CHECKED BY G. WALKER					SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION				SHEET NO. 6 OF 6
DATE 12/31/13					
REV	DATE	BY	CHK	APP	DESCRIPTION